

FIG. 1

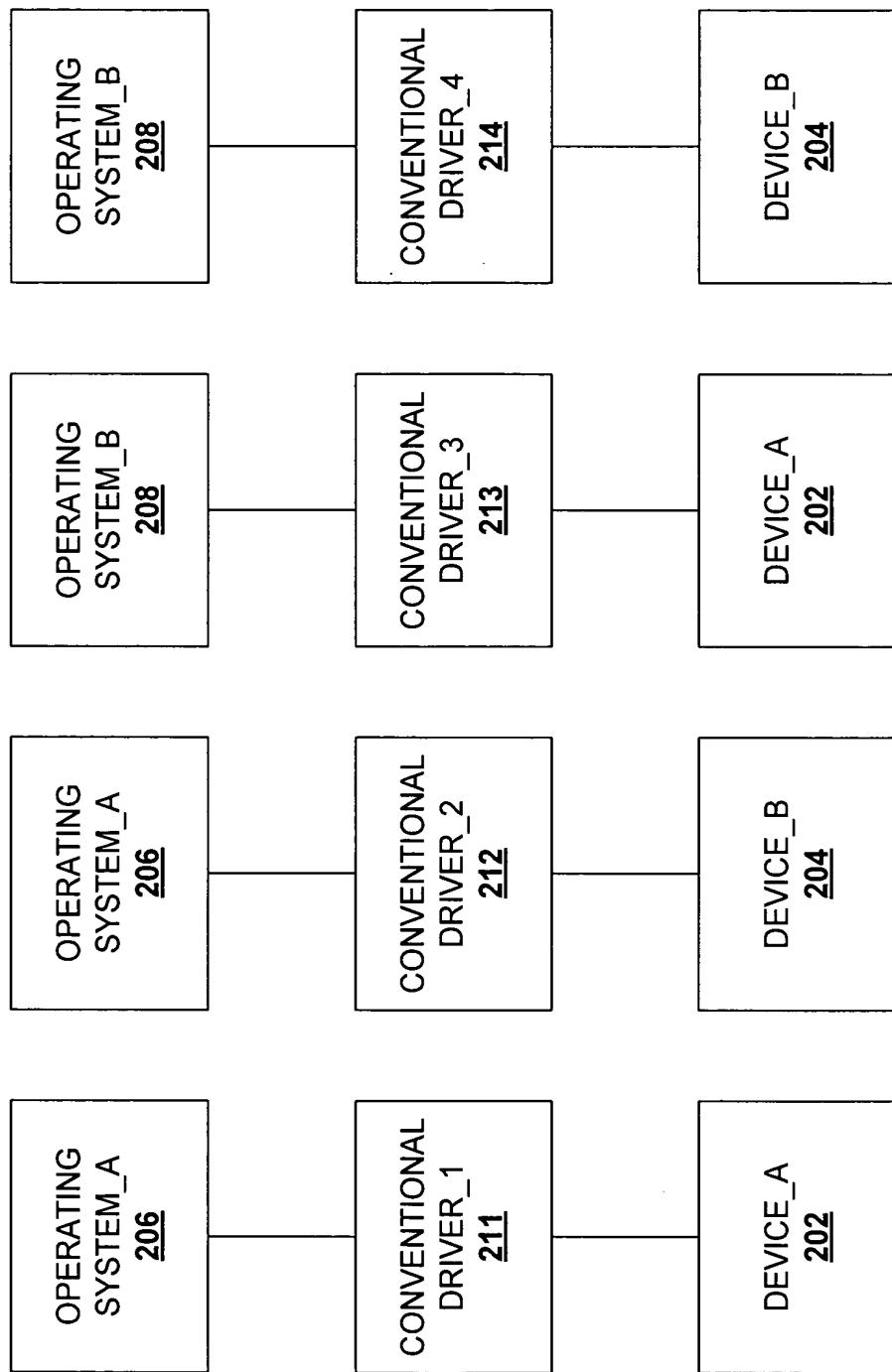
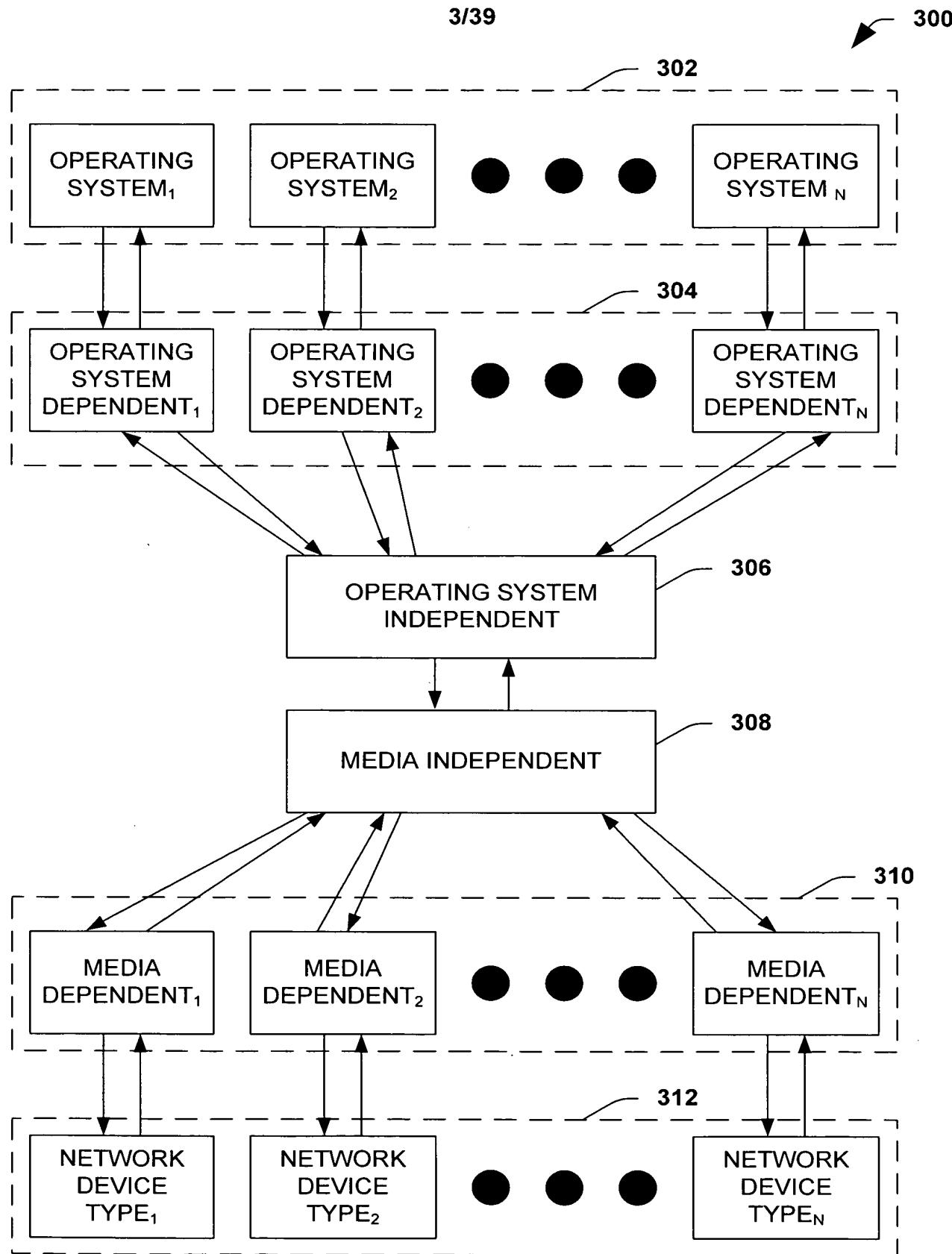
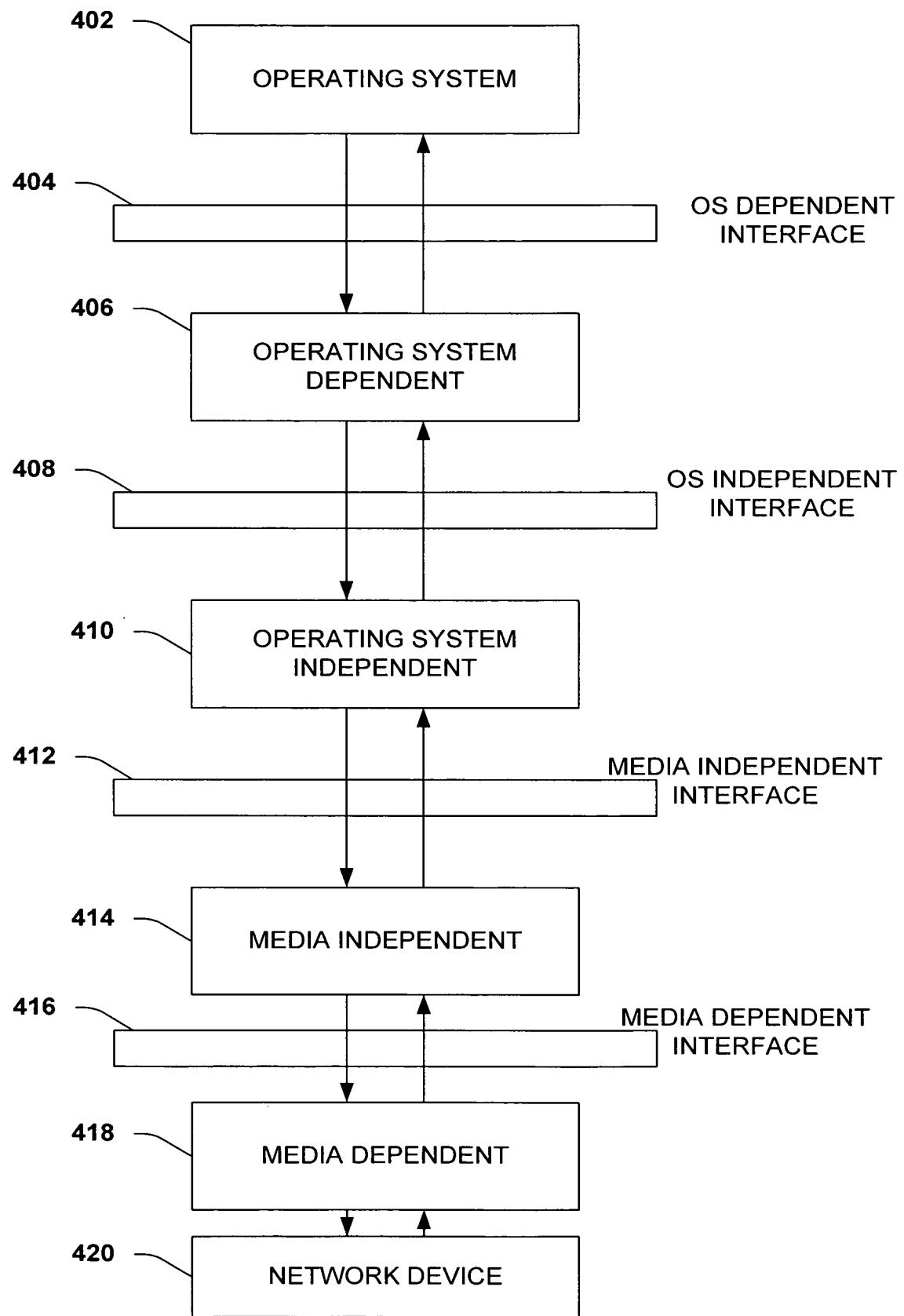
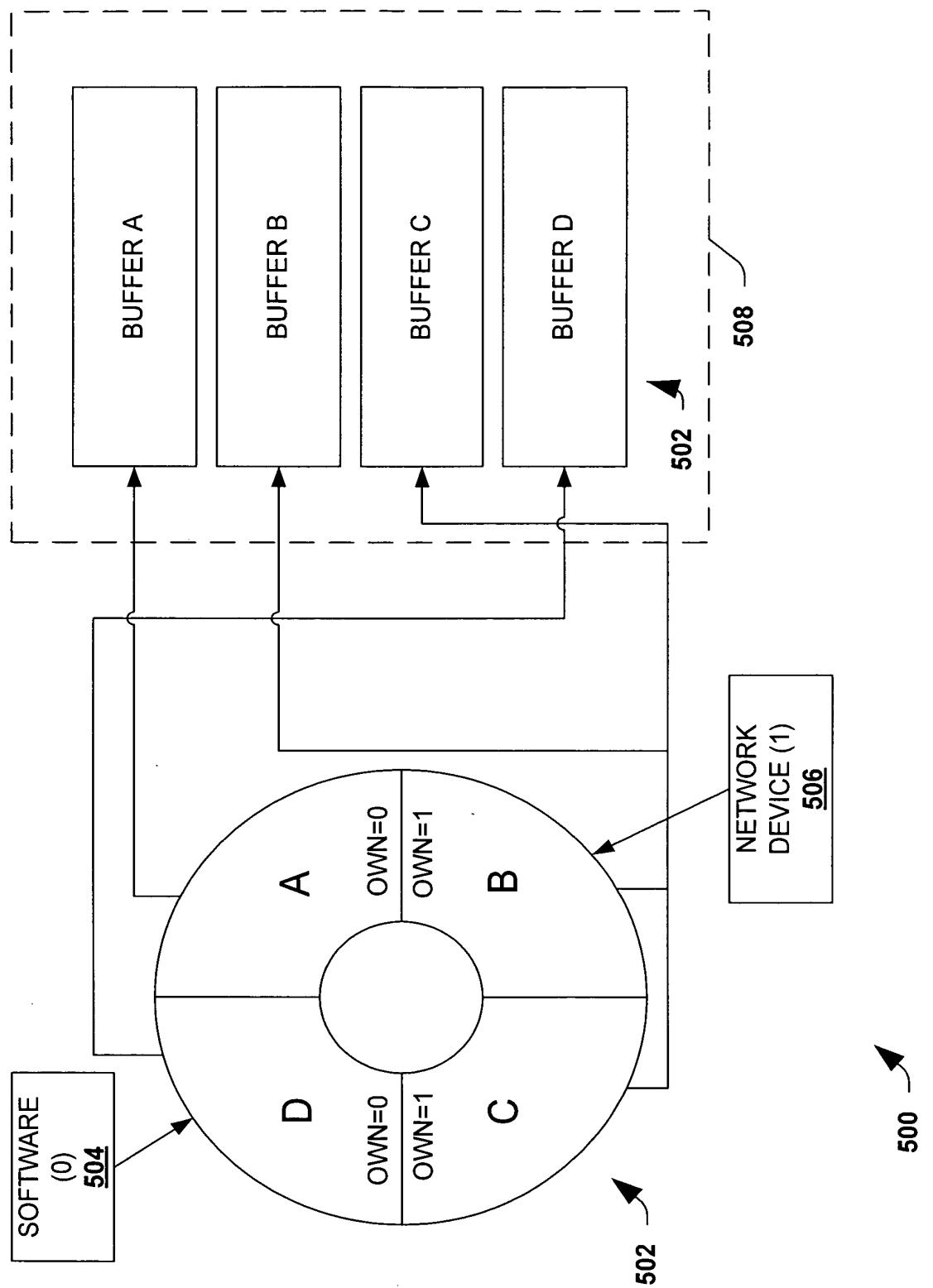


FIG. 2

**FIG. 3**

**FIG. 4**

**FIG. 5**

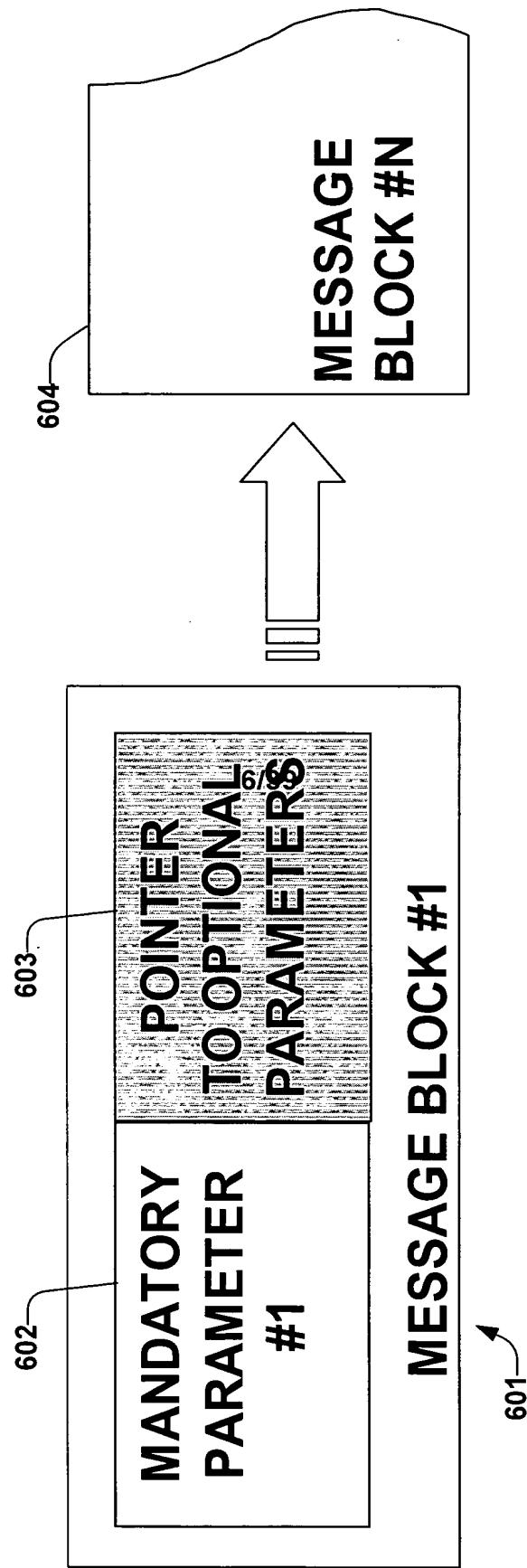


FIG. 6

Mandatory Parameter

7/39

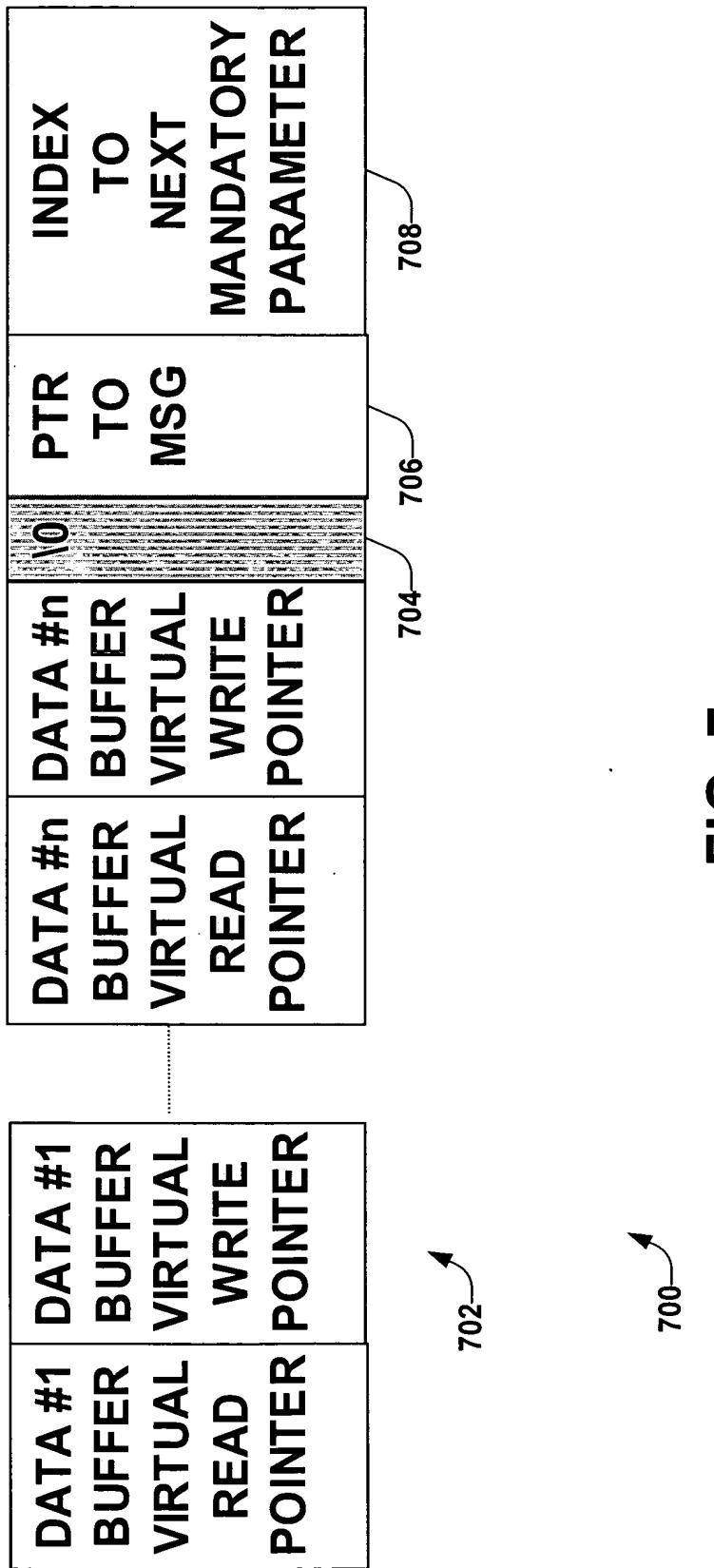


FIG. 7

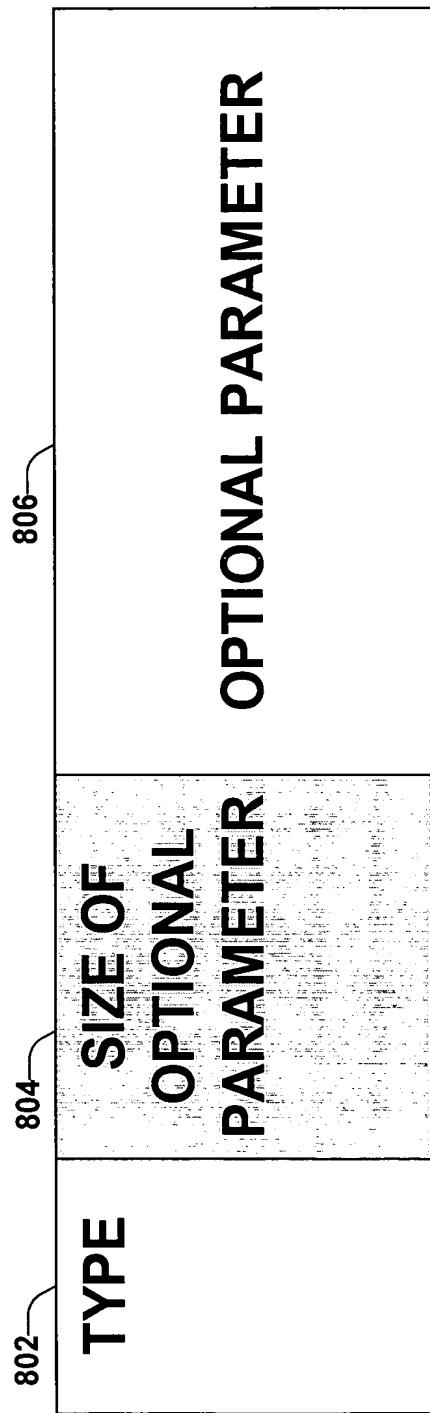


FIG. 8

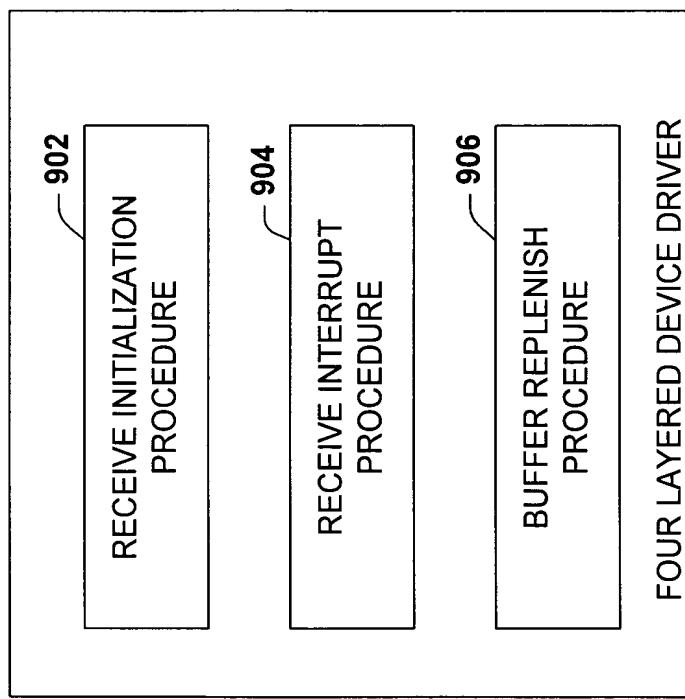


FIG. 9

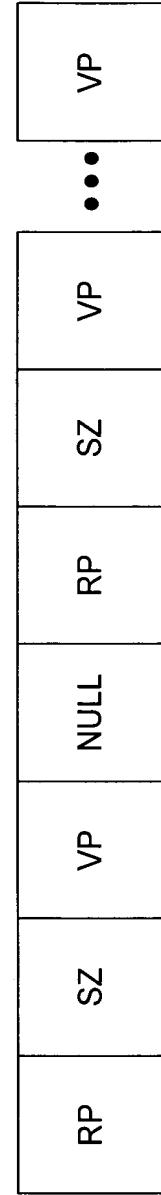
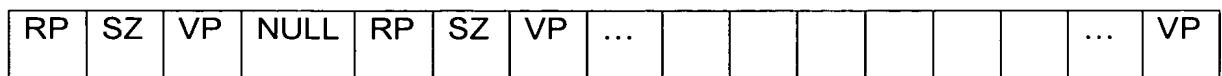
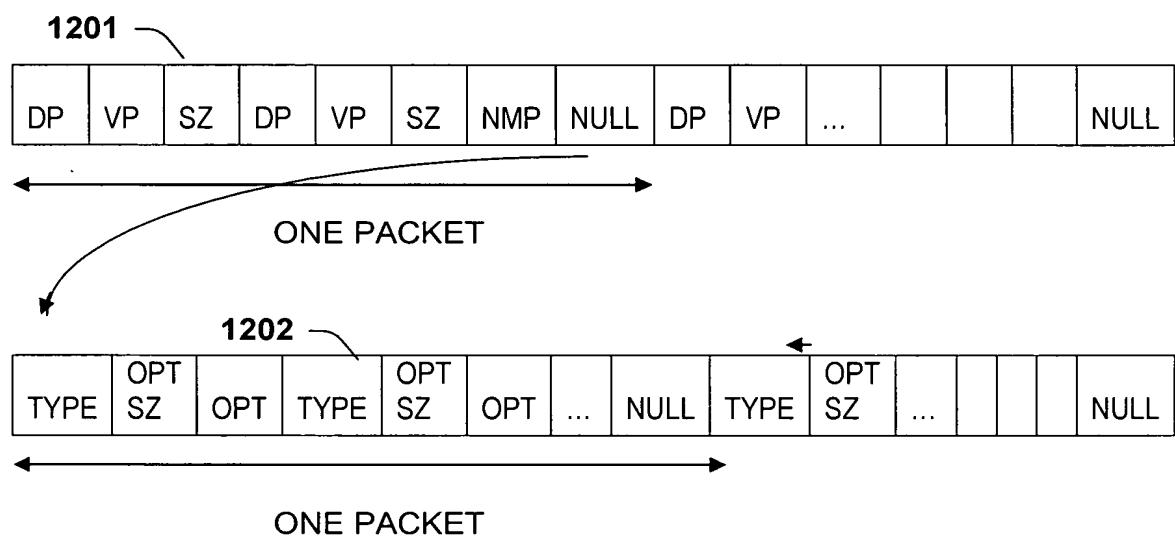
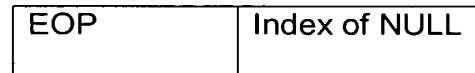
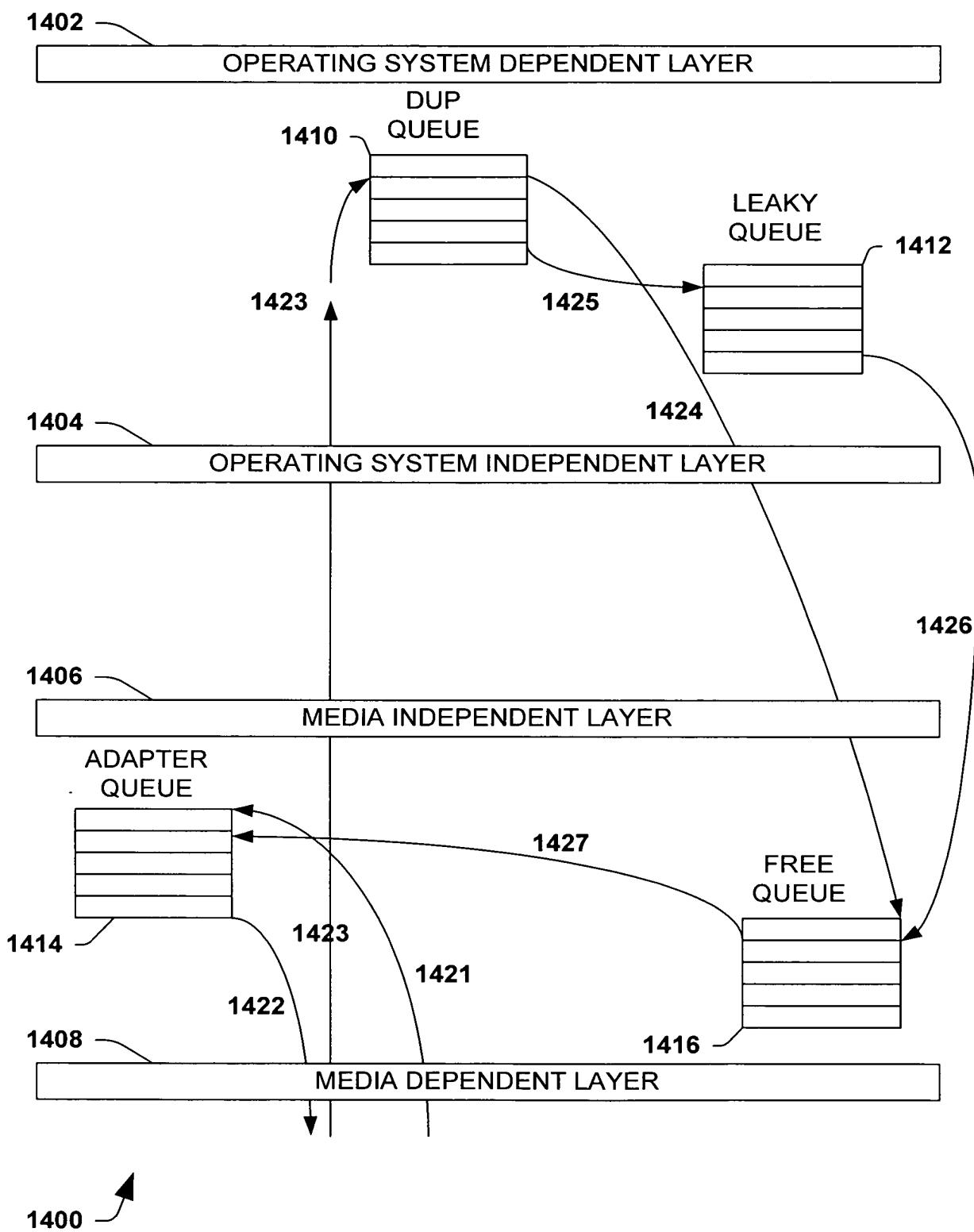


FIG. 10

**FIG. 11****FIG. 12****FIG. 13**

**FIG. 14**

ADAPTER QUEUE DATA STRUCTURE

902

BASE ADDRESS POINTERS	SIZE
MANDATORY AND OPTIONAL PARAMETERS	USER SPACE (POINTER TO VOID)

DUPLICATE QUEUE DATA STRUCTURE

904

POINTER TO VA	SIZE
VOID POINTER	

FREE QUEUE DATA STRUCTURE

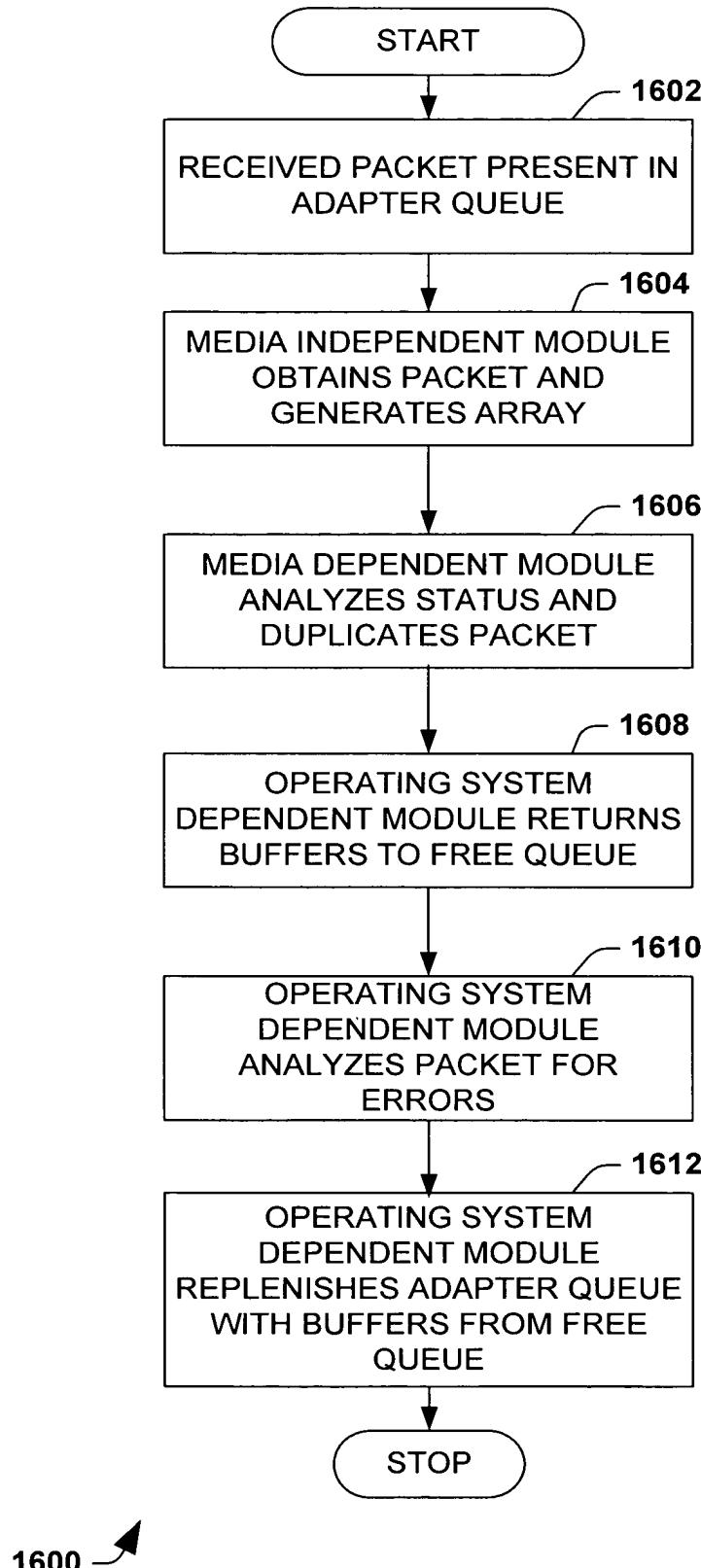
906

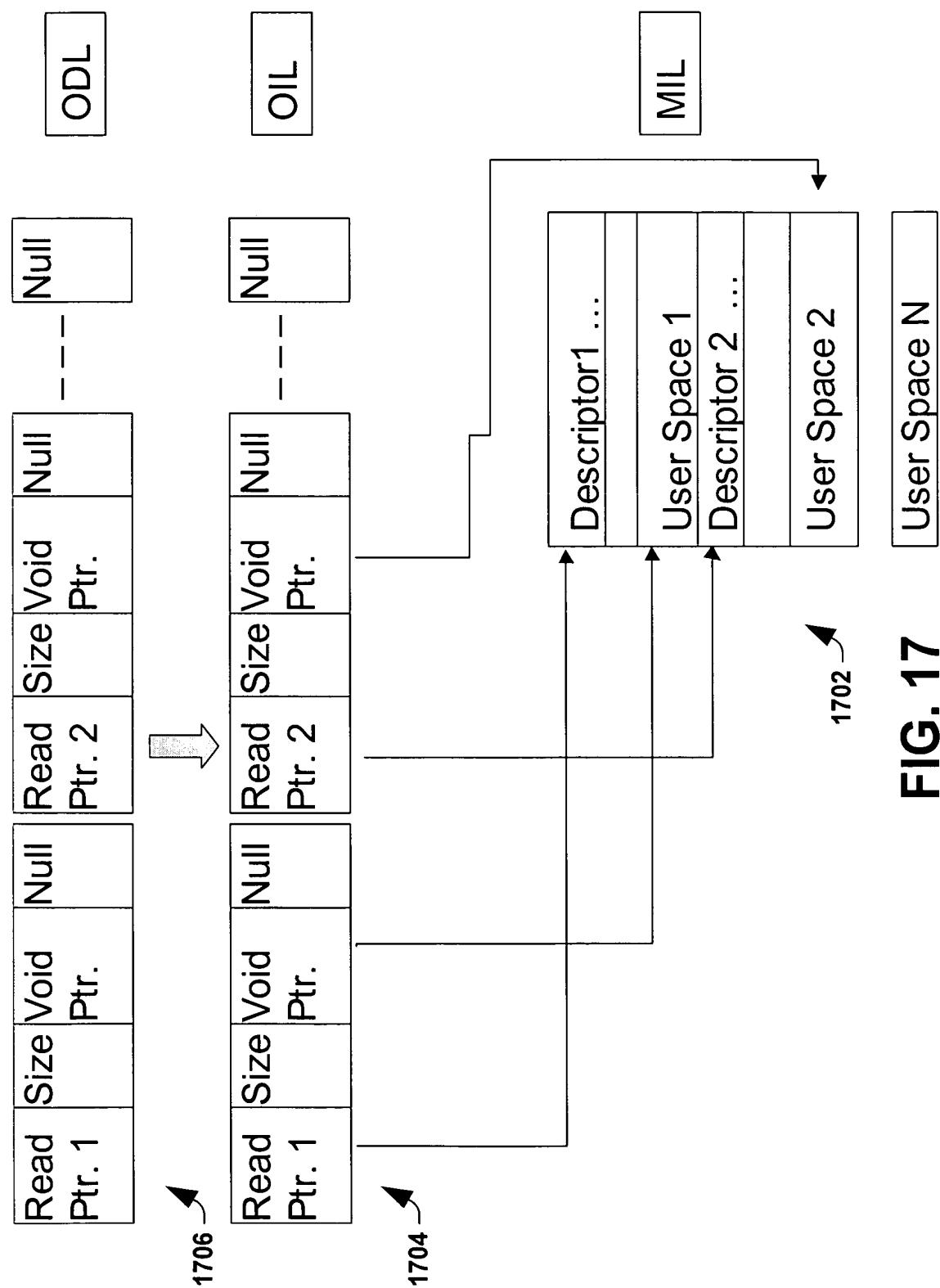
POINTER TO VA	SIZE
---------------	------

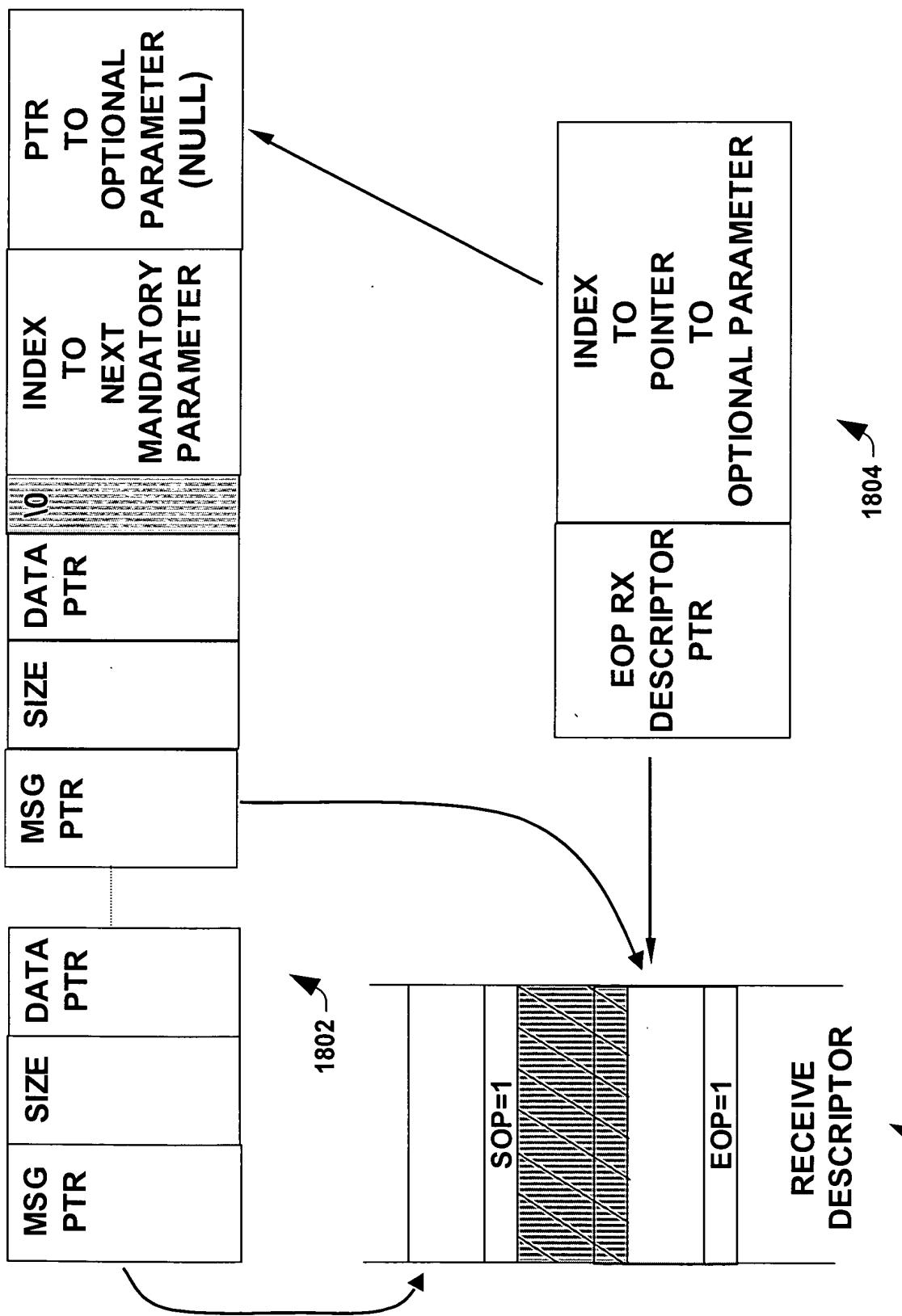
LEAKY QUEUE DATA STRUCTURE

908

POINTER TO VA	SIZE
VOID POINTER	

**FIG. 16**

**FIG. 17**

**FIG. 18**

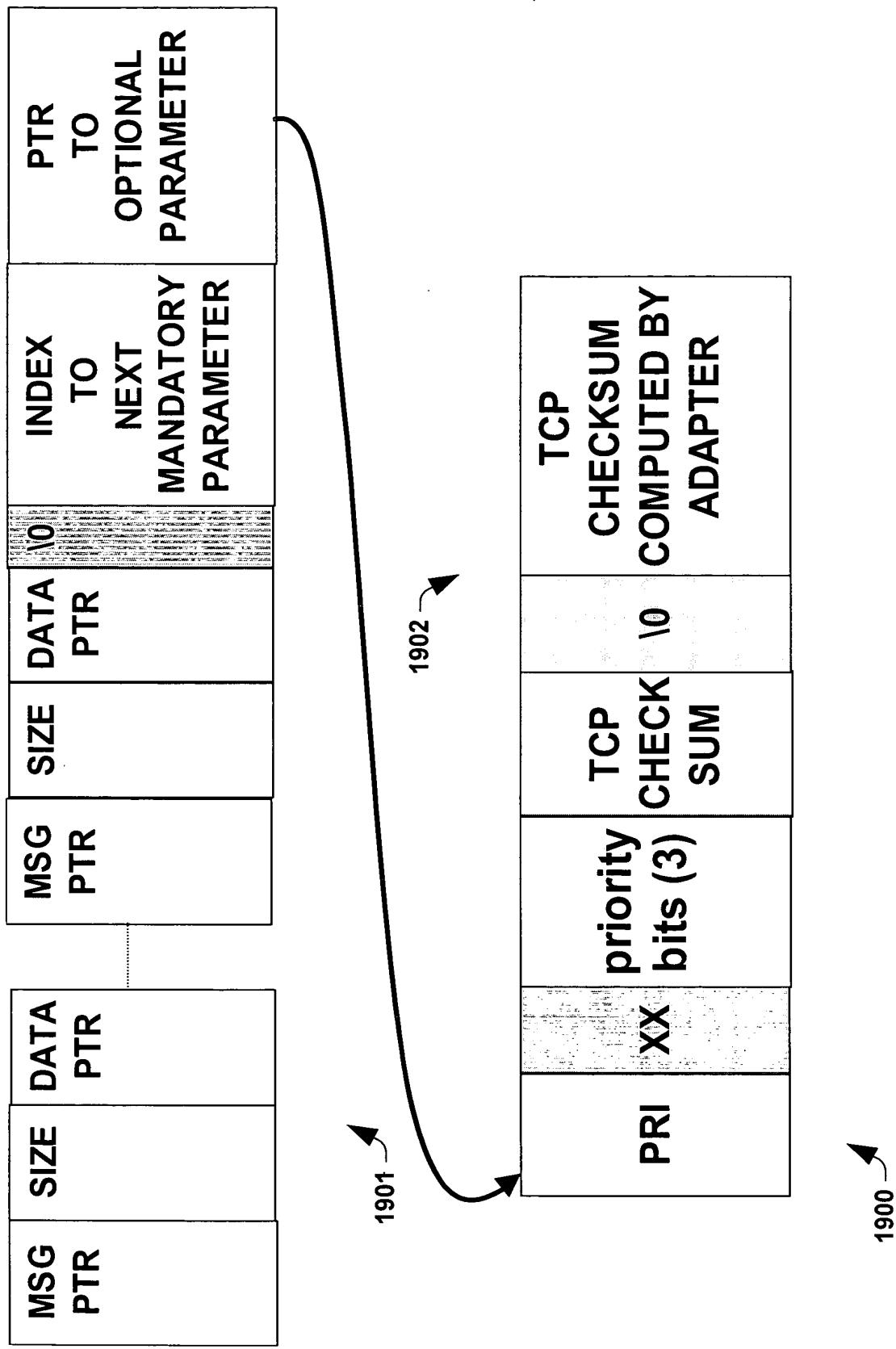
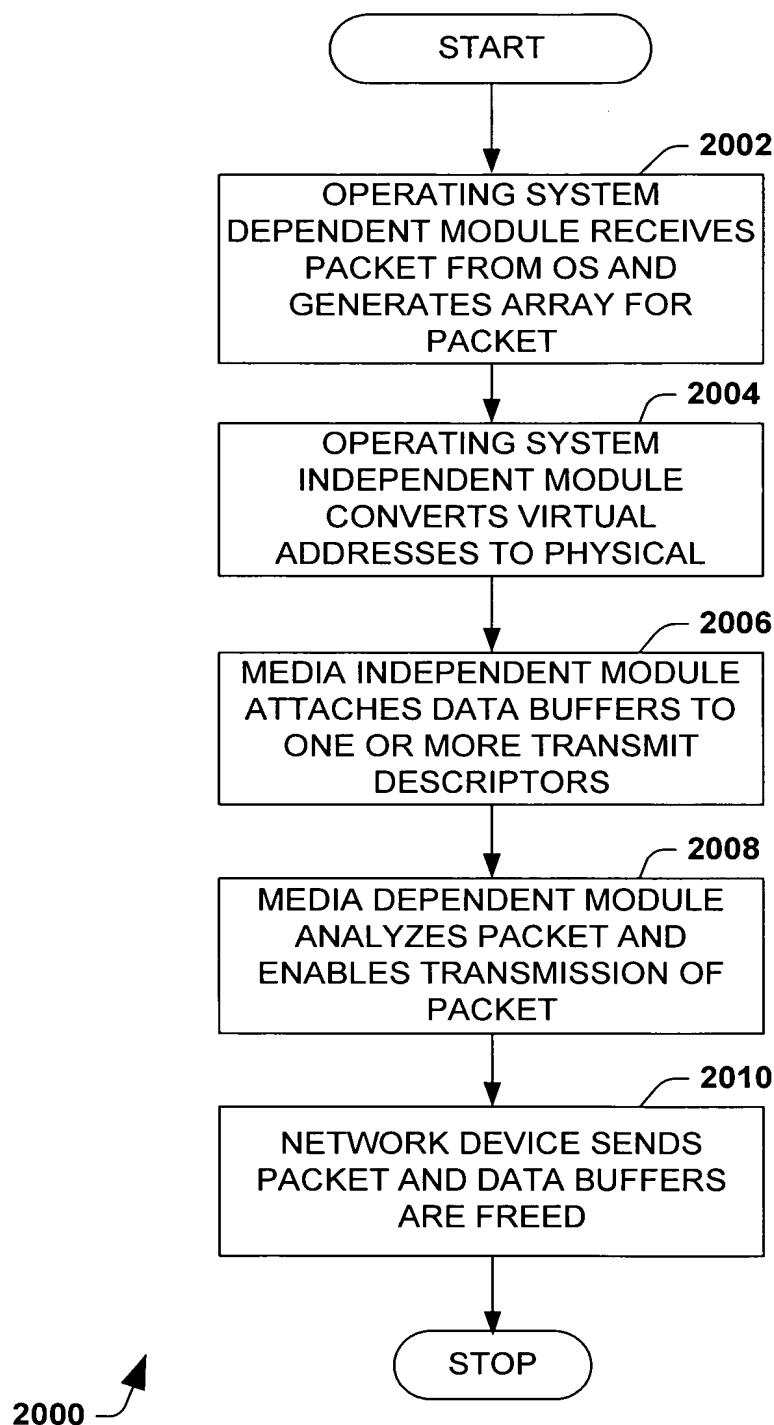


FIG. 19

**FIG. 20**

ODL - OIL INTERFACE

DATA #1	DATA #n	DATA #n	\0	PTR TO MSG	INDEX TO NEXT MANDATORY PARAMETER
BUFFER	BUFFER	VIRTUAL			
VIRTUAL		VIRTUAL			
READ		WRITE			
READ					
POINTER		POINTER			
POINTER					

OIL - MIL INTERFACE

PHY	FRAG #1	DATA #n	\0	PTR TO MSG	INDEX TO NEXT MANDATORY PARAMETER
		BUFFER			
		PHY			
READ					
POINTER					
FRAG #1					

2101 ↗

2102 ↗ 2103 ↗ 2104 ↗ 2105 ↗

2113 ↗ 2114 ↗ 2105 ↗ 2115 ↗

2110 ↗

FIG. 21

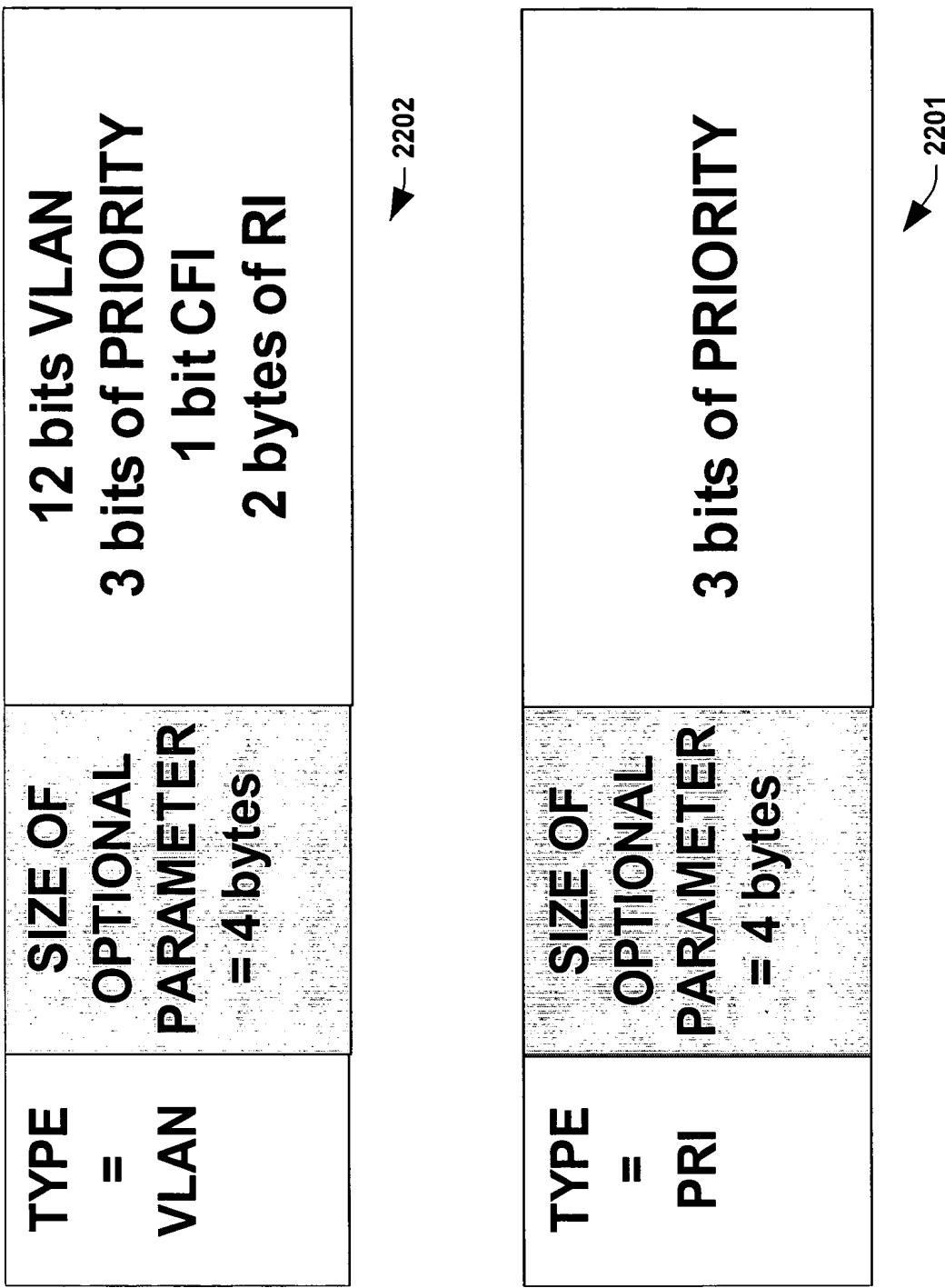


FIG. 22

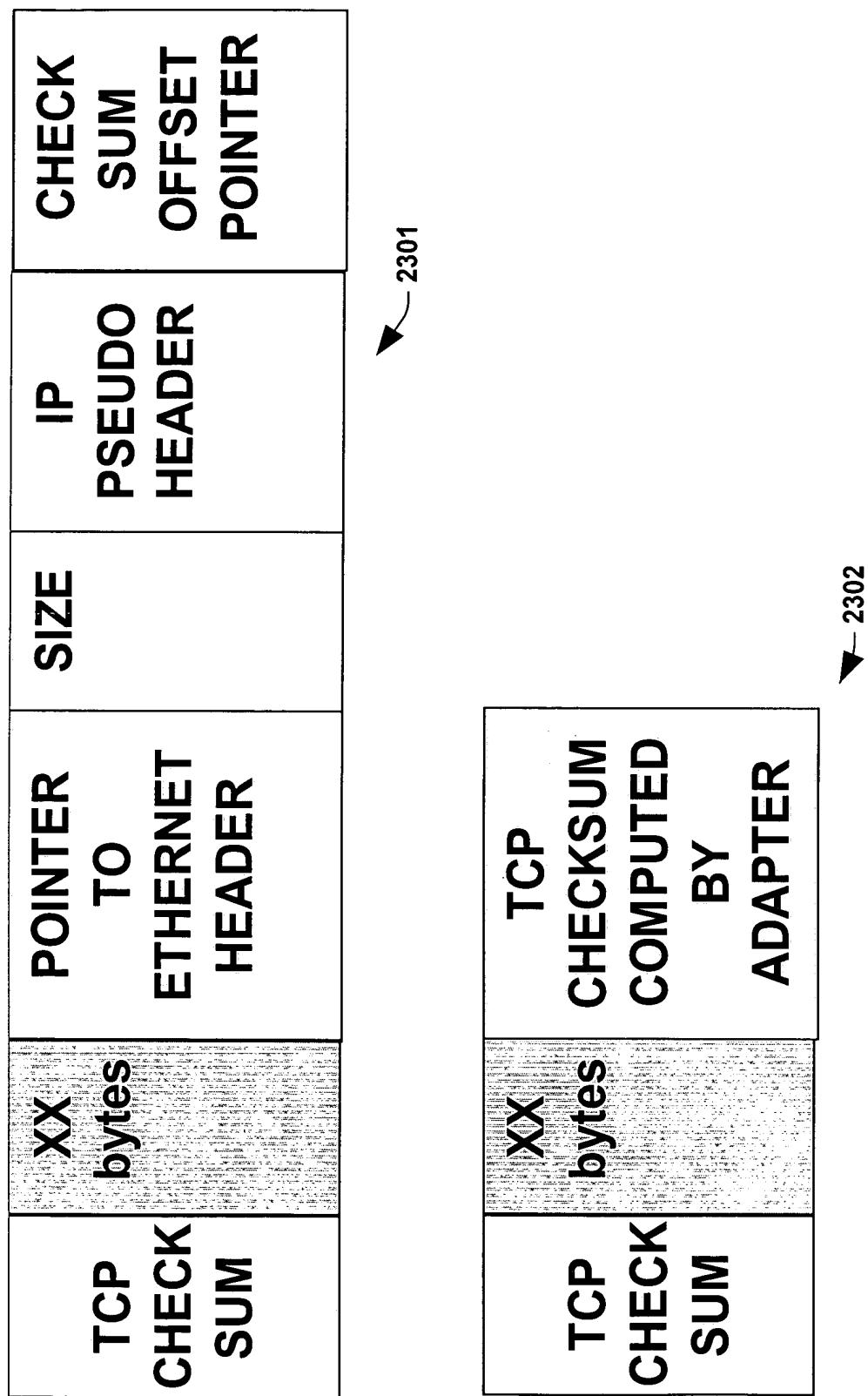


FIG. 23

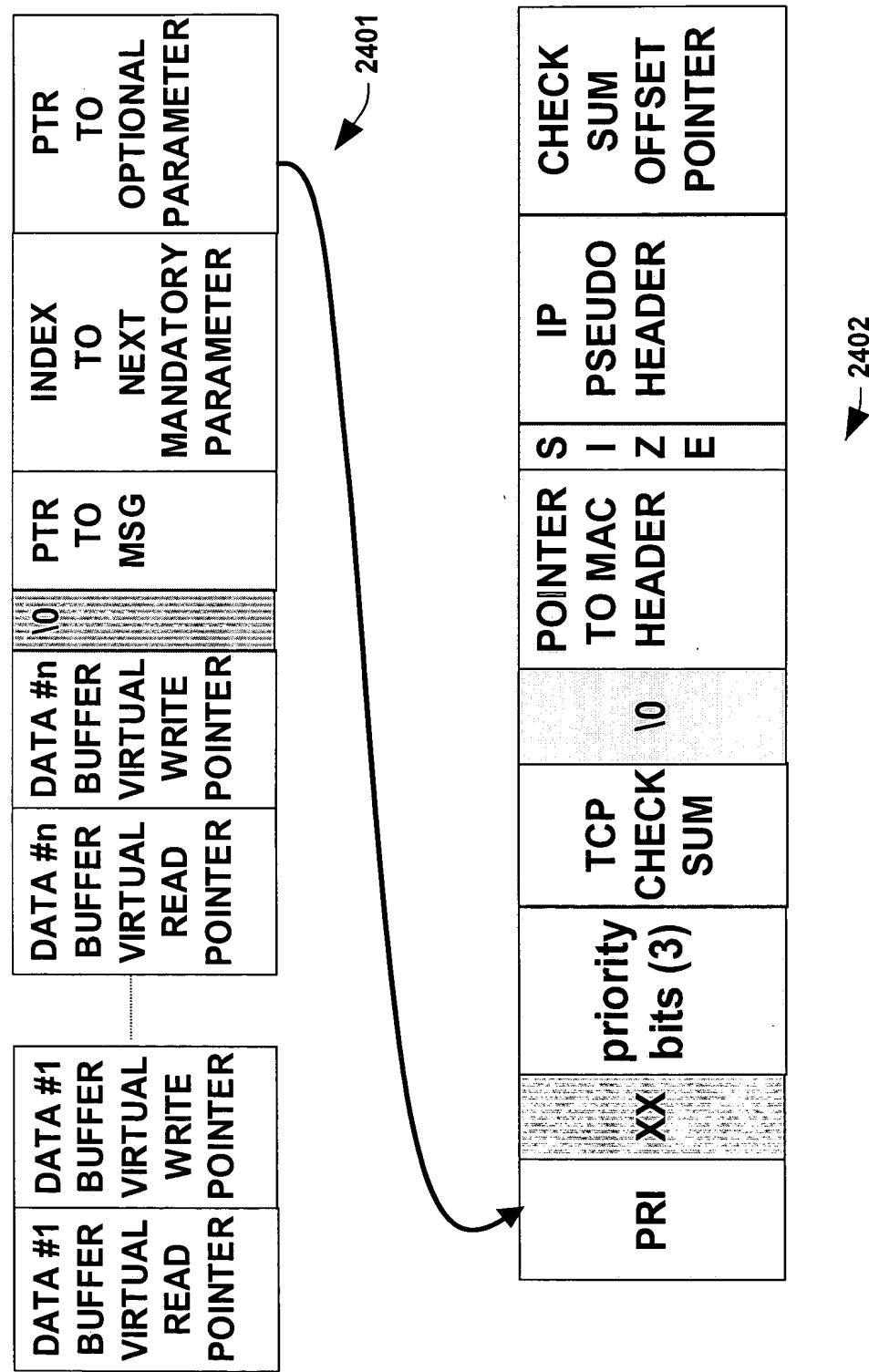


FIG. 24

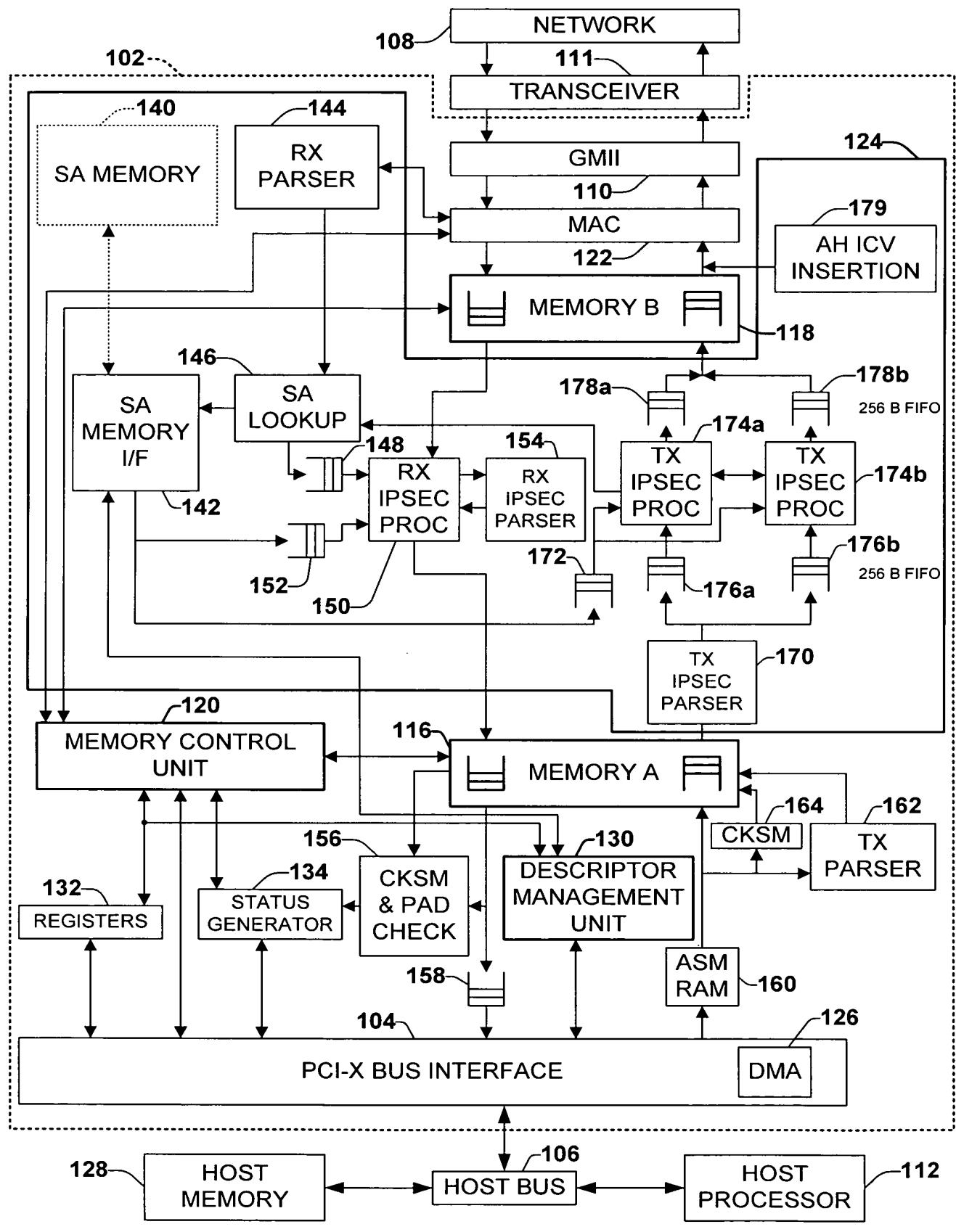


Fig. 25

180

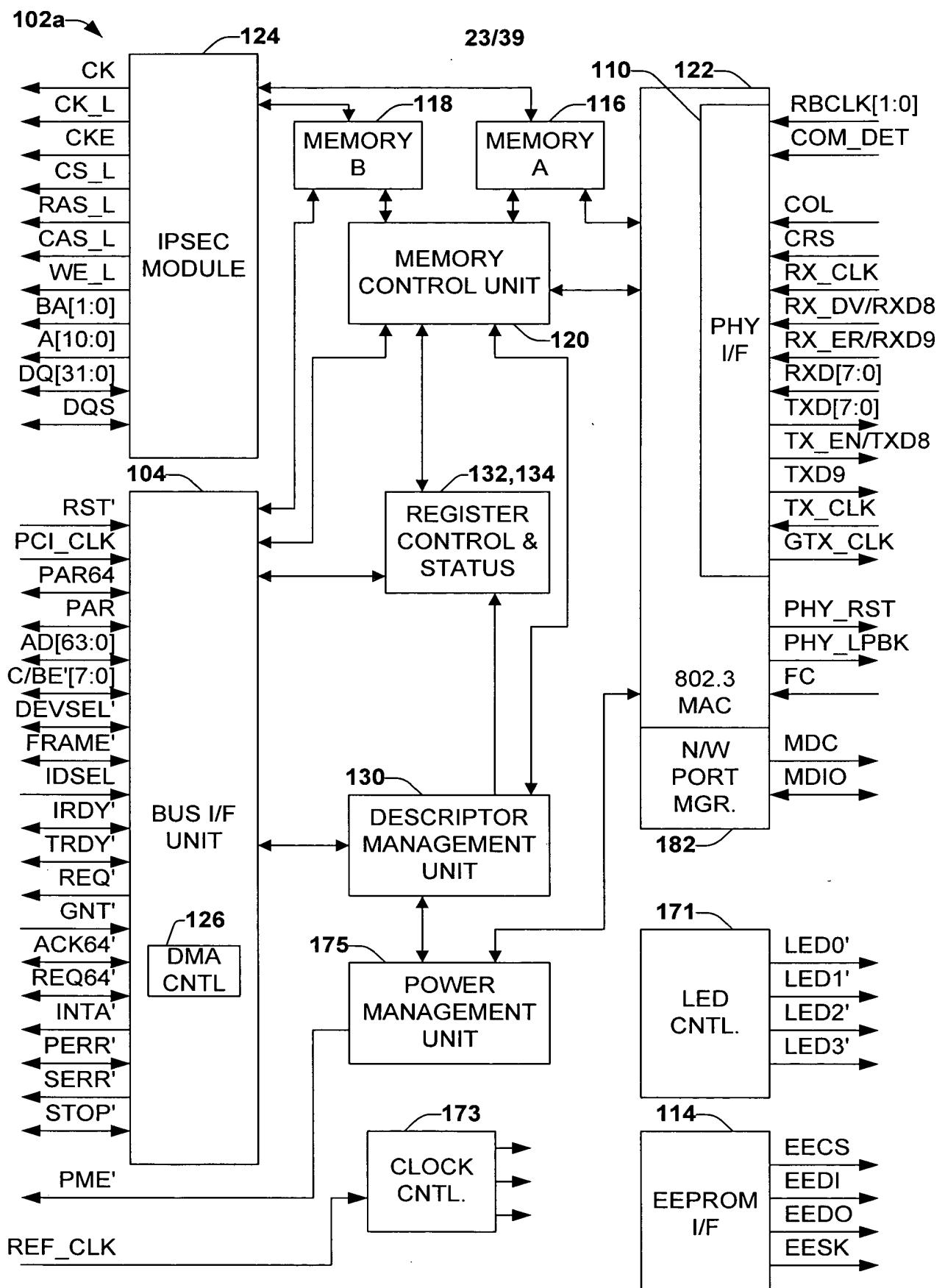


Fig. 26

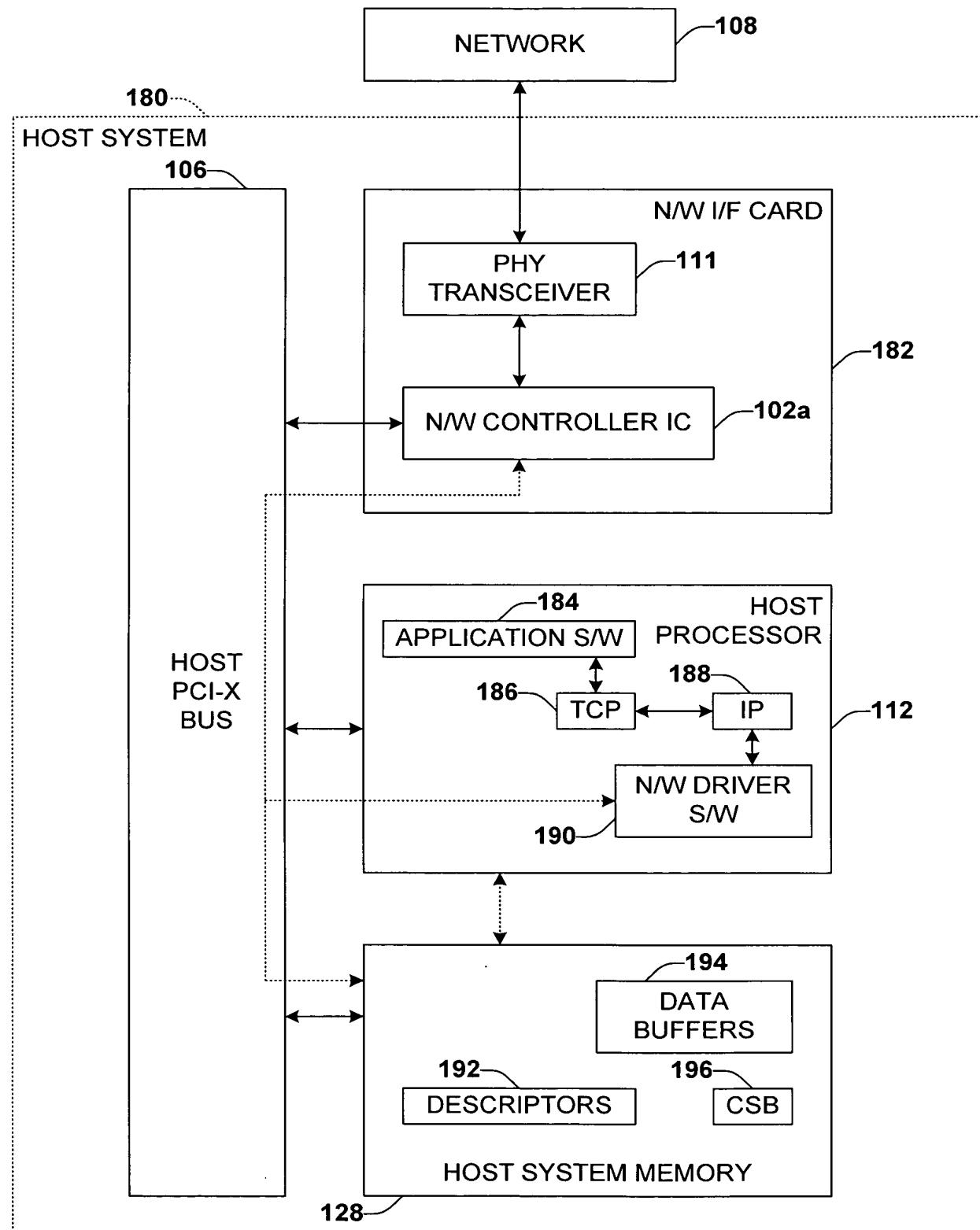


Fig. 27

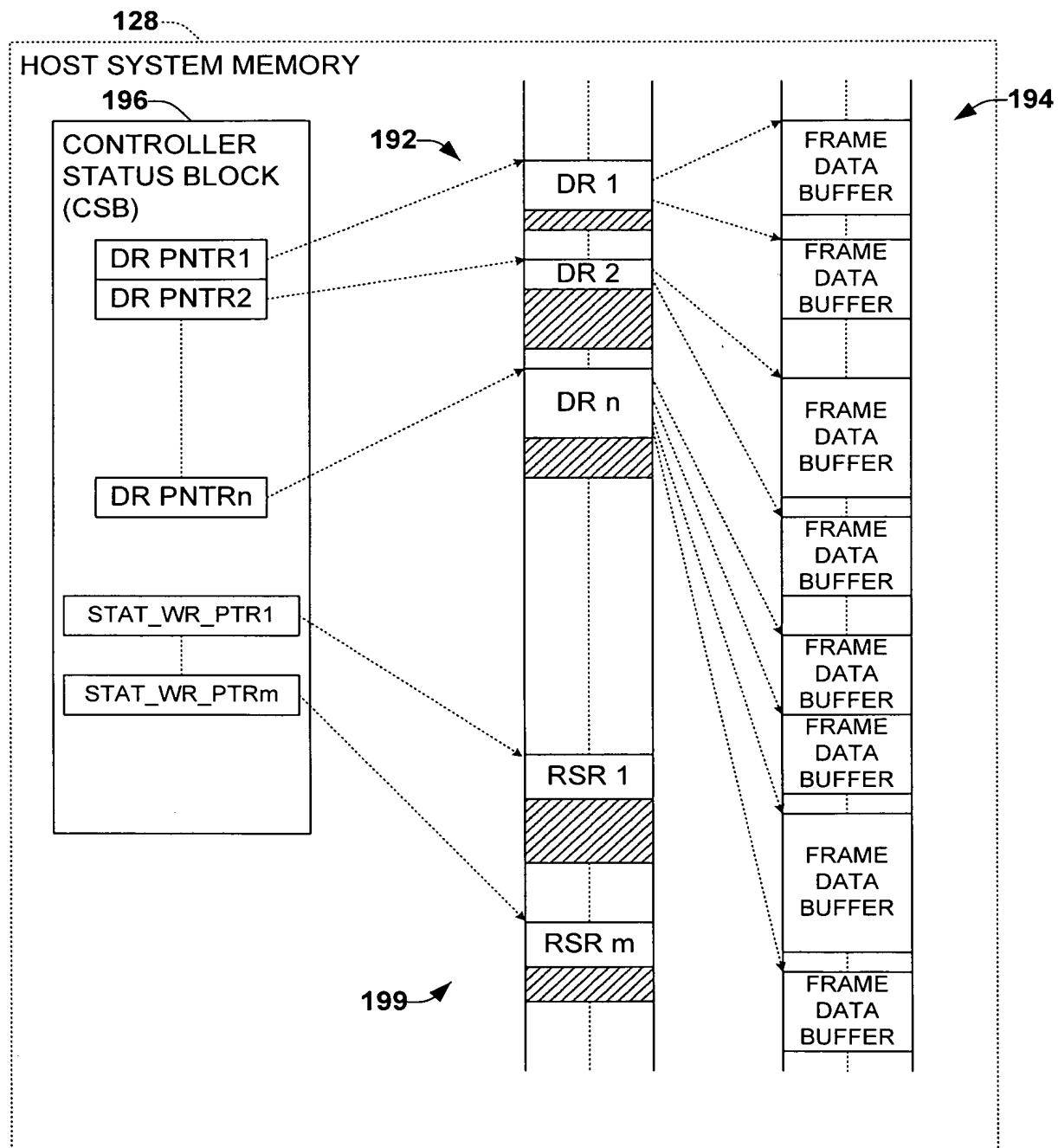


Fig. 28A

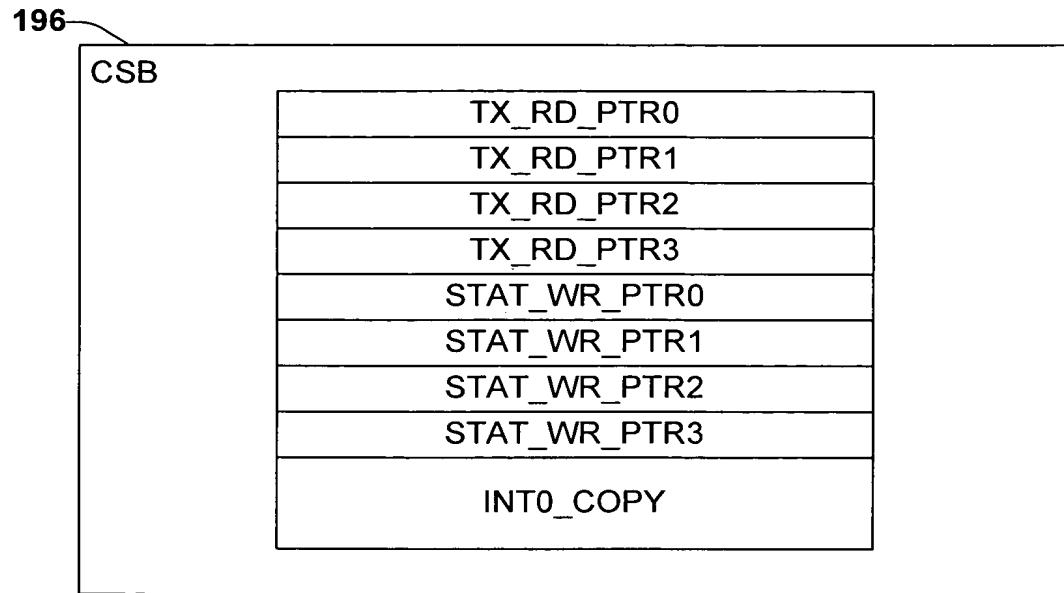


Fig. 28B

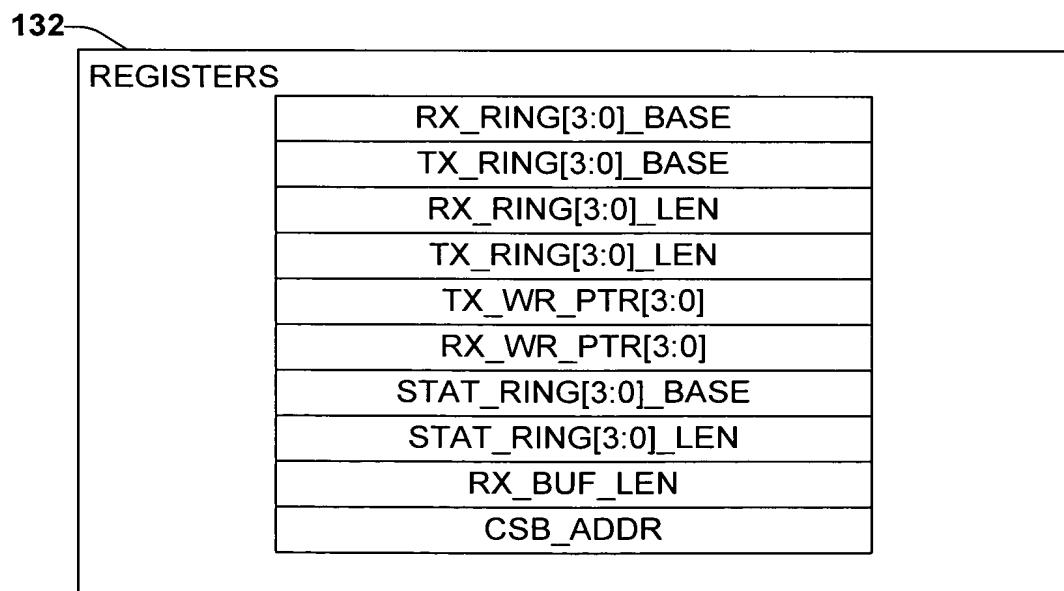


Fig. 28C

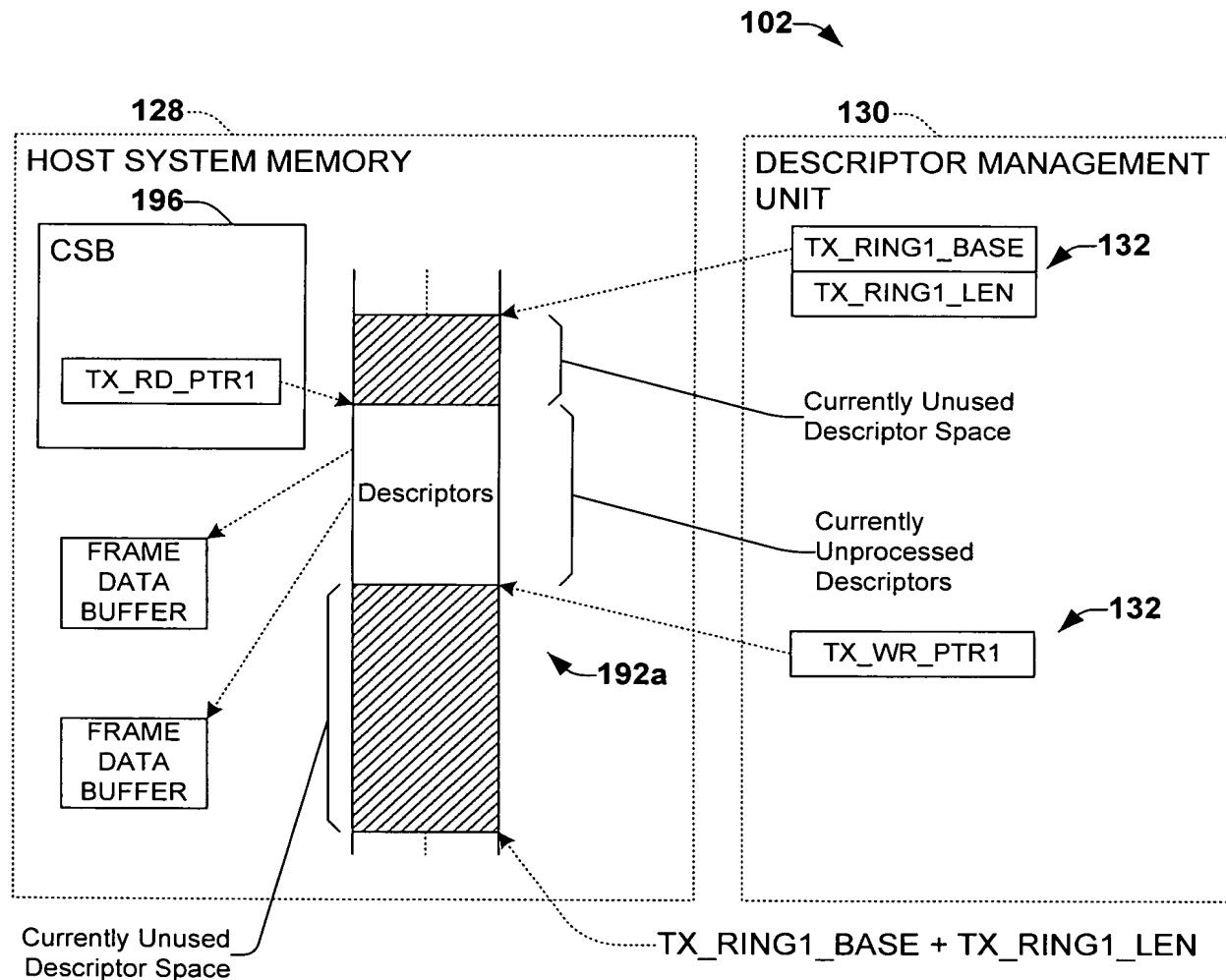
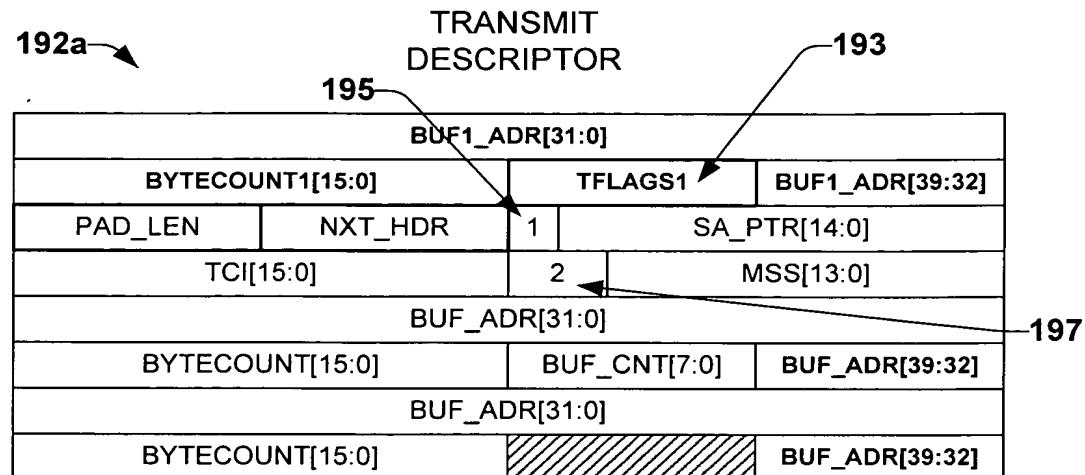
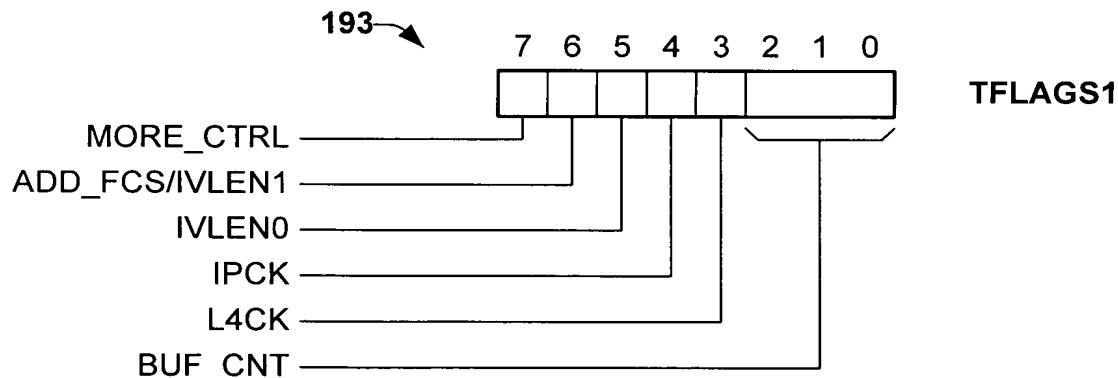
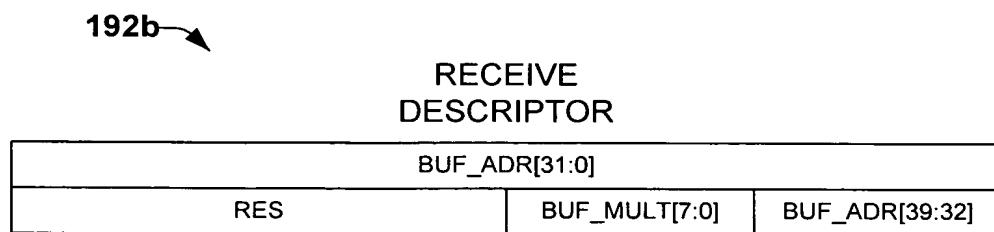
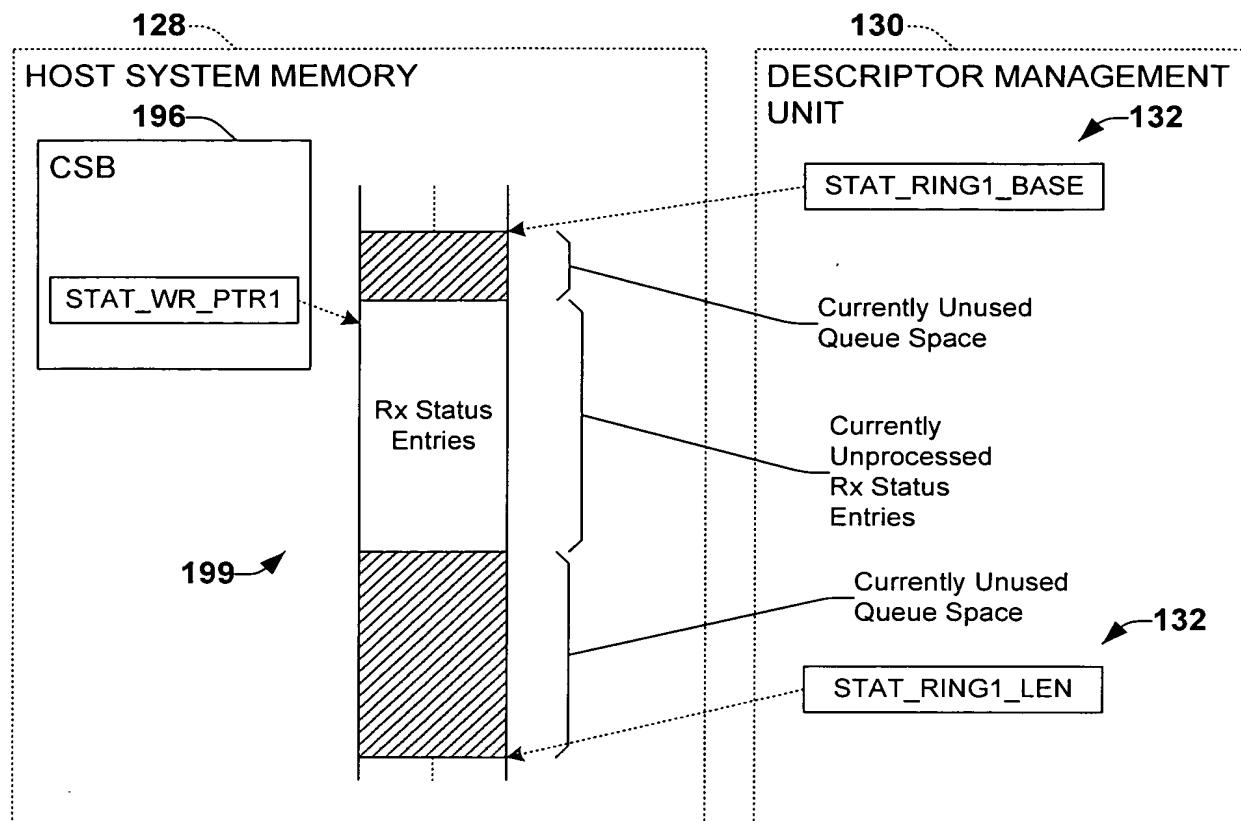
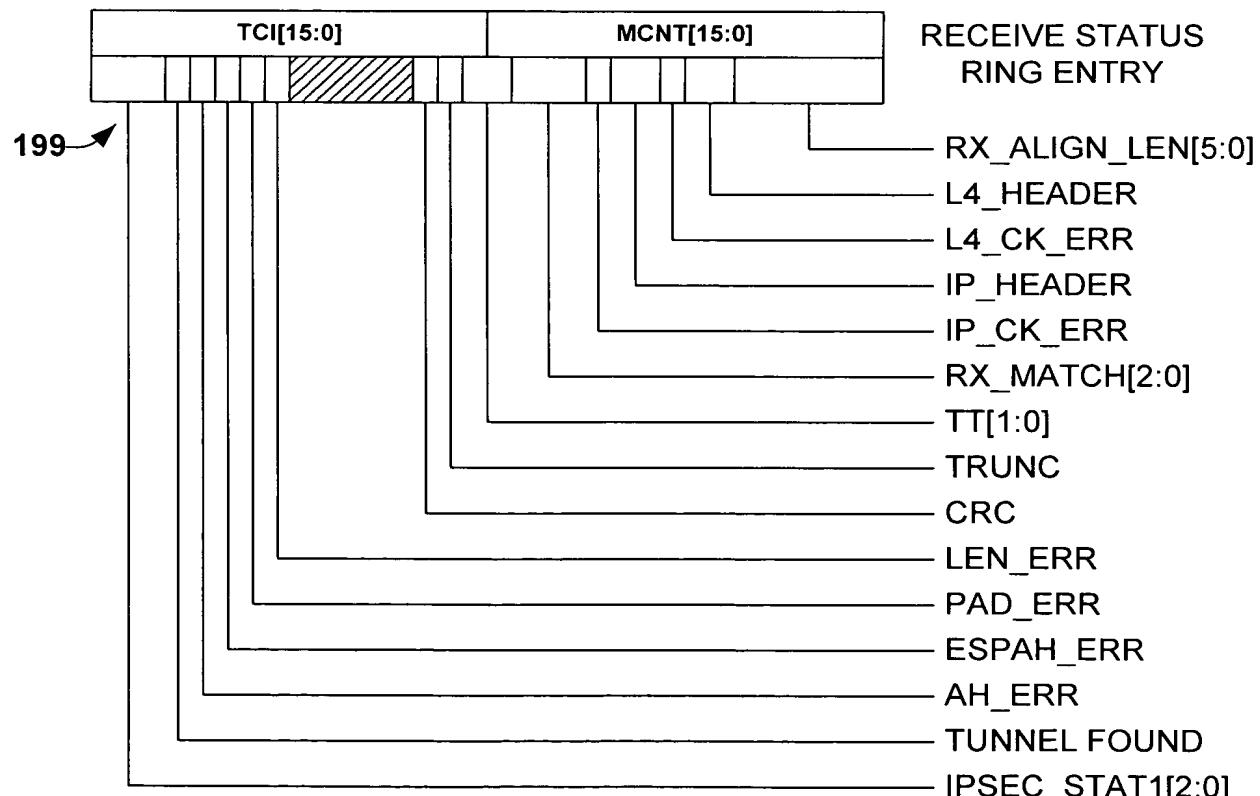
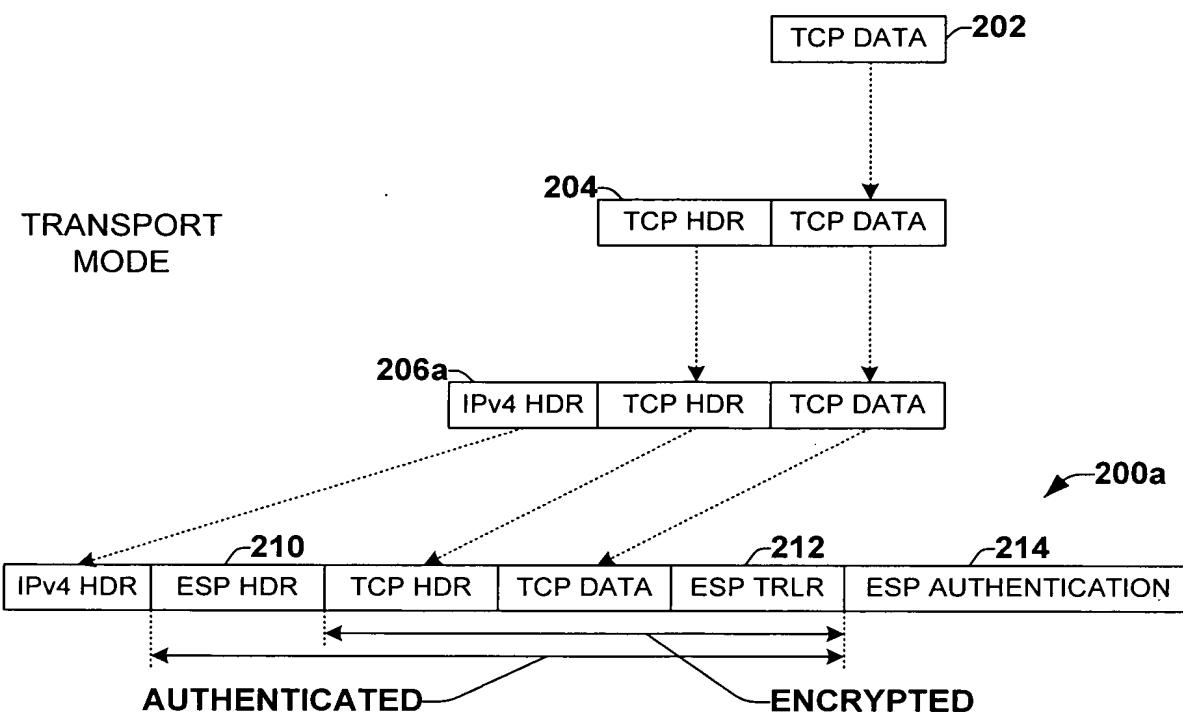
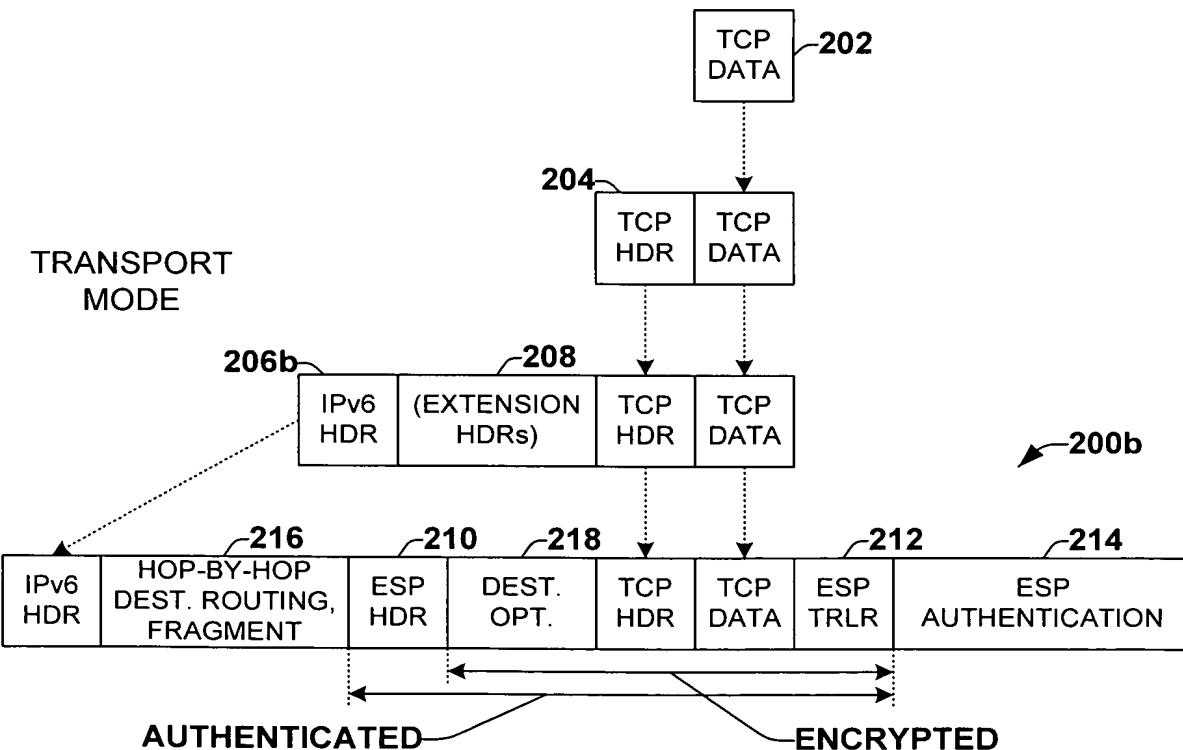


Fig. 28D

**Fig. 28E****Fig. 28F****Fig. 28G**

**Fig. 28H****Fig. 28I**

**Fig. 29A****Fig. 29B**

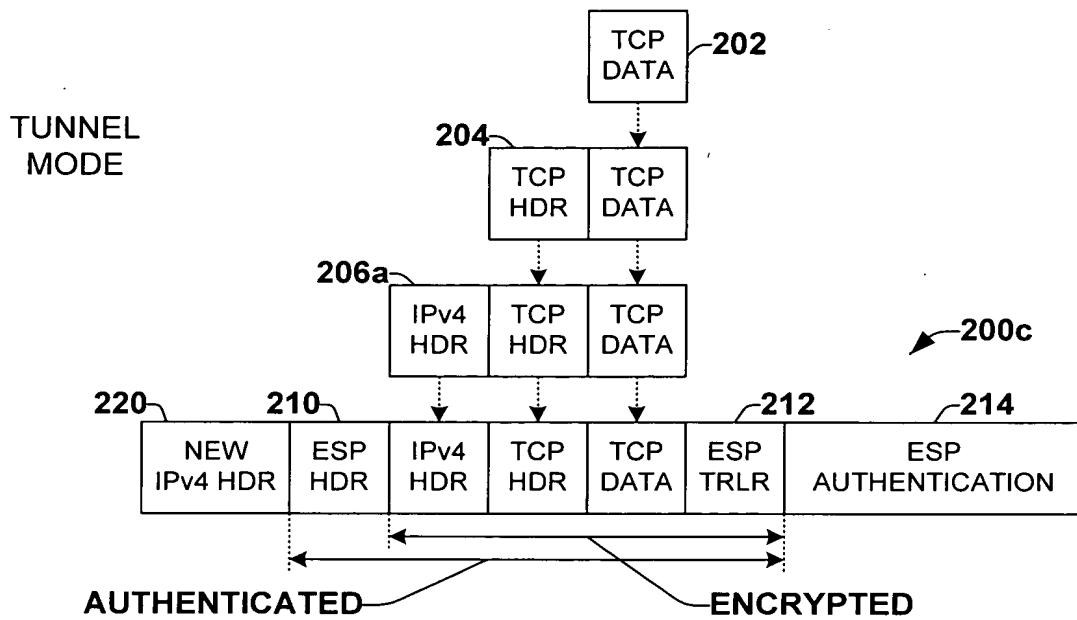


Fig. 29C

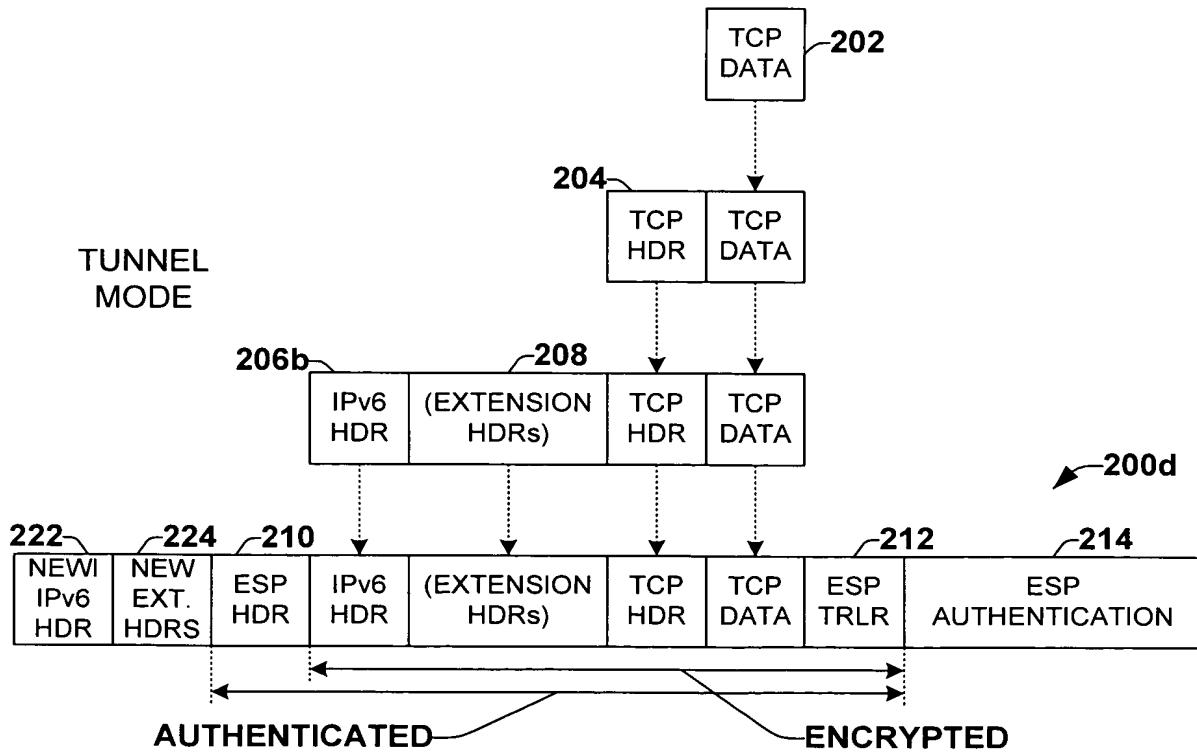


Fig. 29D

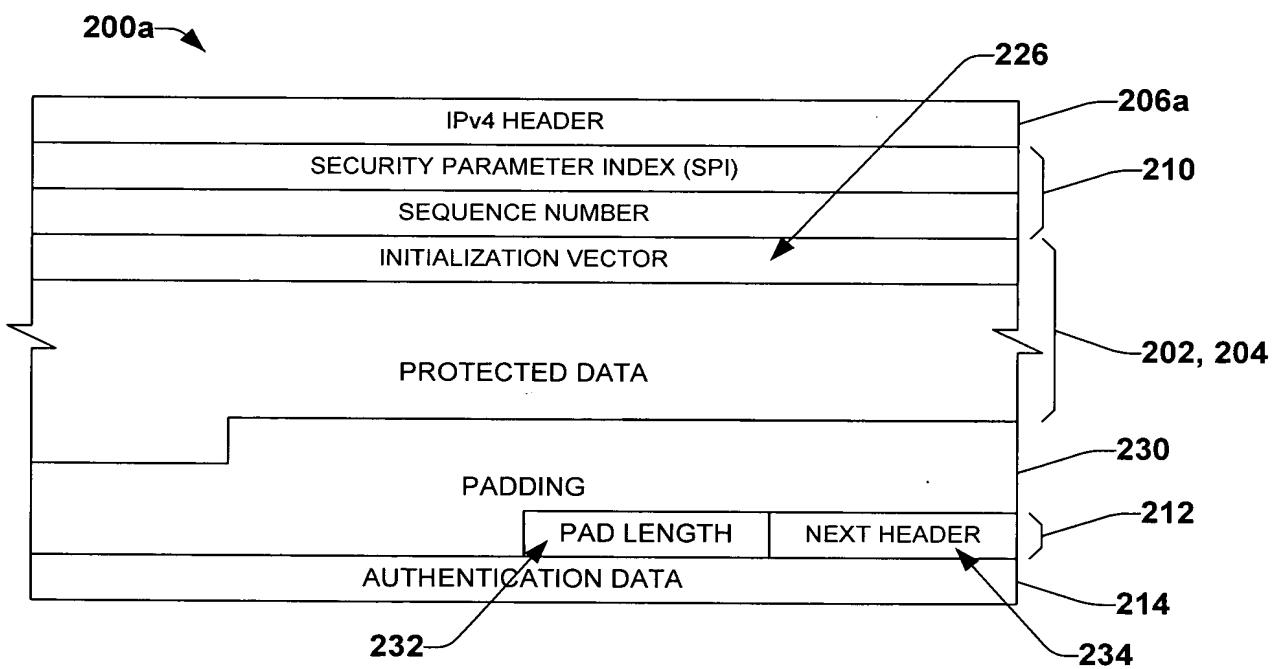


Fig. 29E

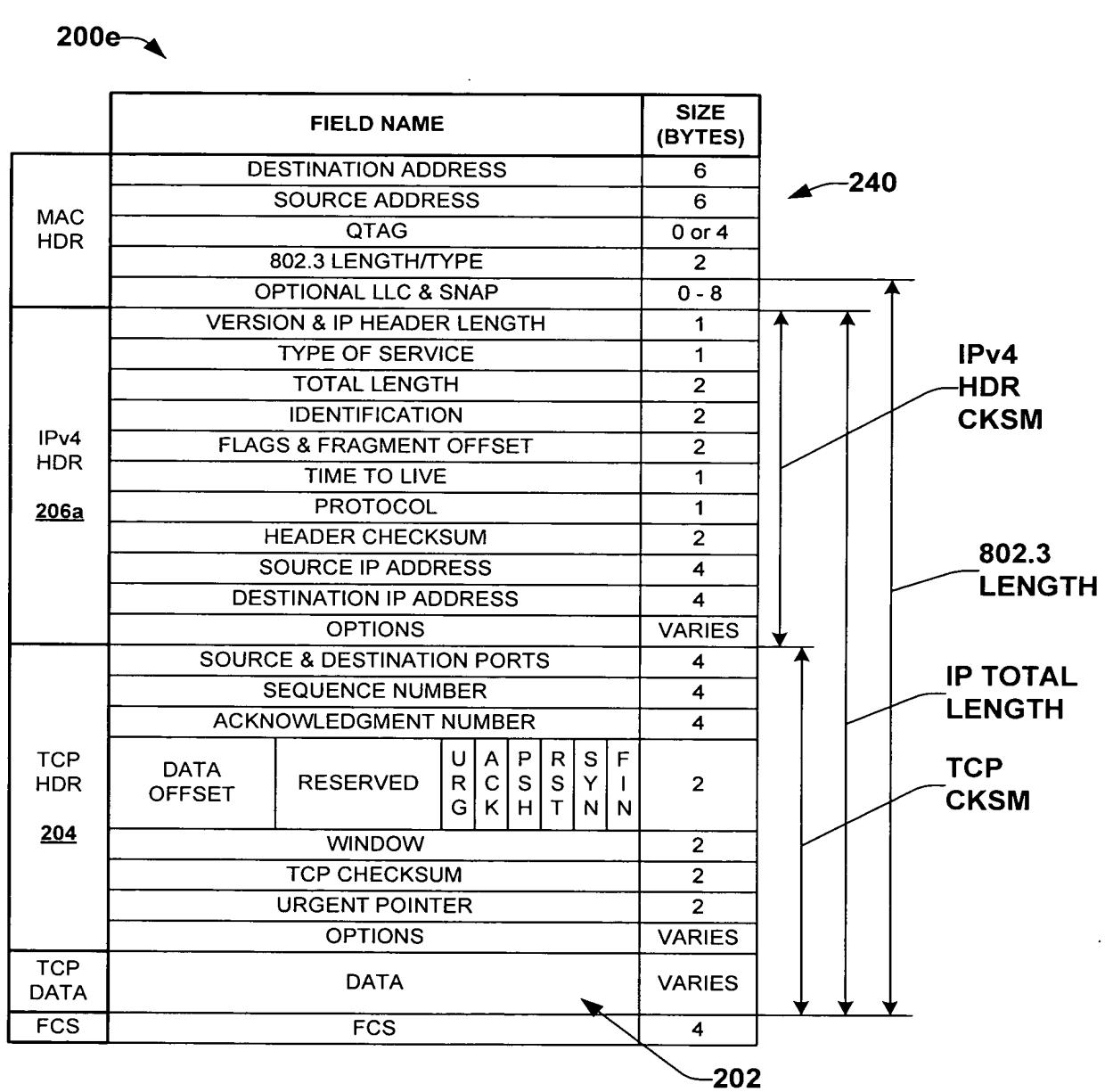


Fig. 30A

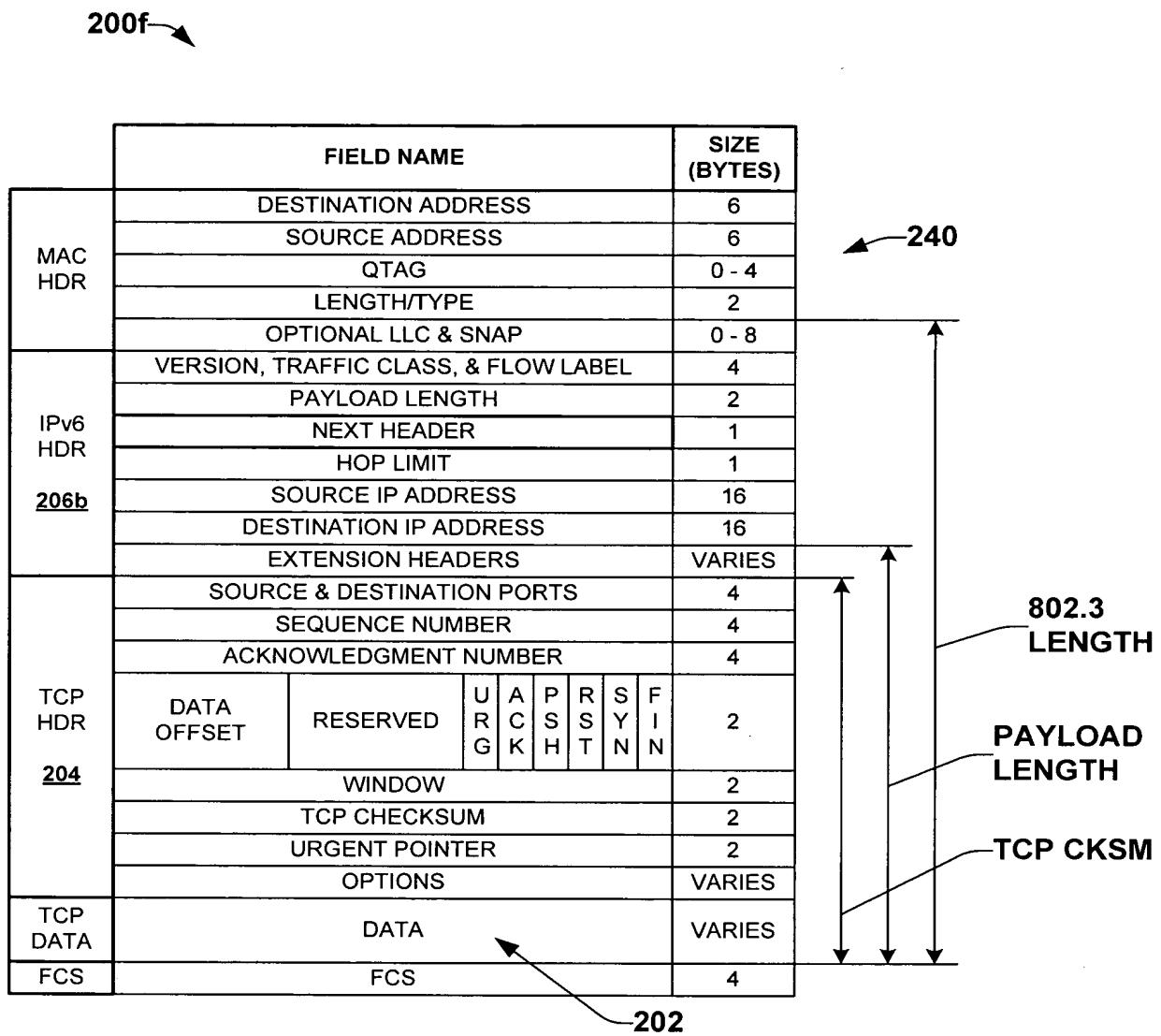


Fig. 30B

250 →

FIELD NAME	Created by Host	Modified by ESP	Encrypted	Covered by ESP Authentication	Added by Controller
Preamble					x
Start of Frame Delimiter					x
MAC Header	x				
IP Header	x				
ESP Header	x			x	
Payload Data	x	x	x	x	
Padding	x	x	x	x	
Pad Length	x	x	x	x	
Next Header	x	x	x	x	
Authentication Data	x	x			
Frame Check Sequence					x

Fig. 31A

252 →

FIELD NAME	Created by Host	Modified by AH Module	Covered by AH Authentication	Added by Controller
Preamble				x
Start of Frame Delimiter				x
MAC Header	x			
IP Header	x		x	
AH Header	x	x	x	
Other Headers	x		x	
Payload Data	x		x	
Frame Check Sequence				x

Fig. 31B

254

PHCKSM FOR IPv4	
32-BIT IP SOURCE ADDRESS	
32-BIT IP DESTINATION ADDRESS	
ZERO	PROTOCOL
TCP TOTAL LENGTH	

Fig. 31C

256

PHCKSM FOR IPv6	
128-BIT IP SOURCE ADDRESS	
128-BIT IP DESTINATION ADDRESS	
16-BIT TCP TOTAL LENGTH	
ZERO	PROTOCOL

Fig. 31D

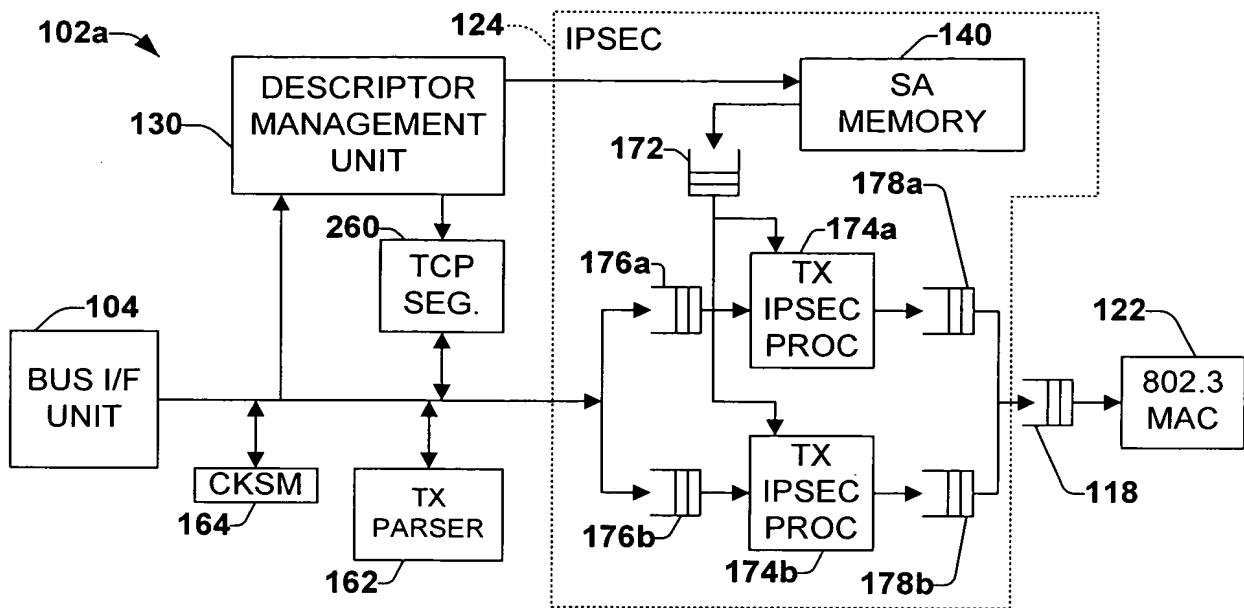


Fig. 32

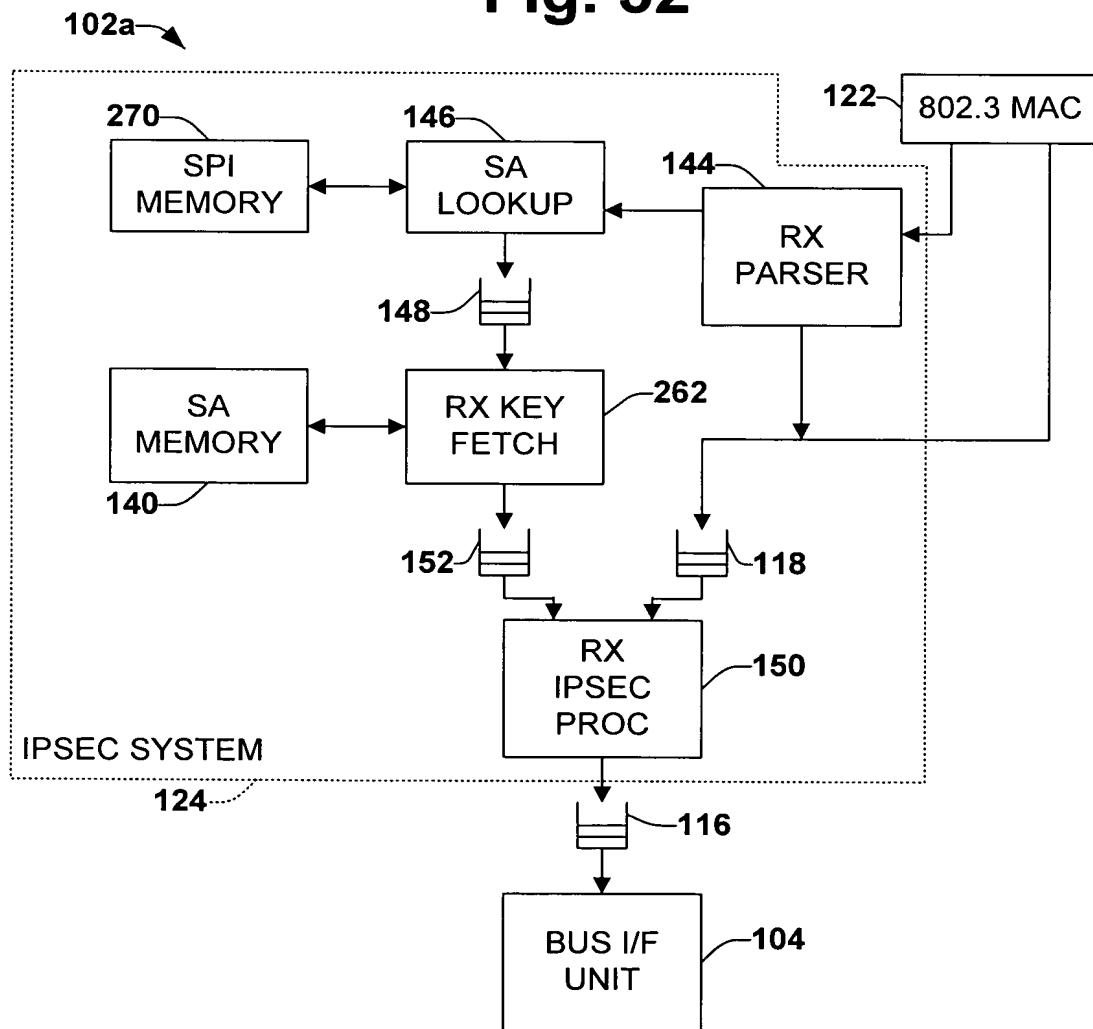


Fig. 33

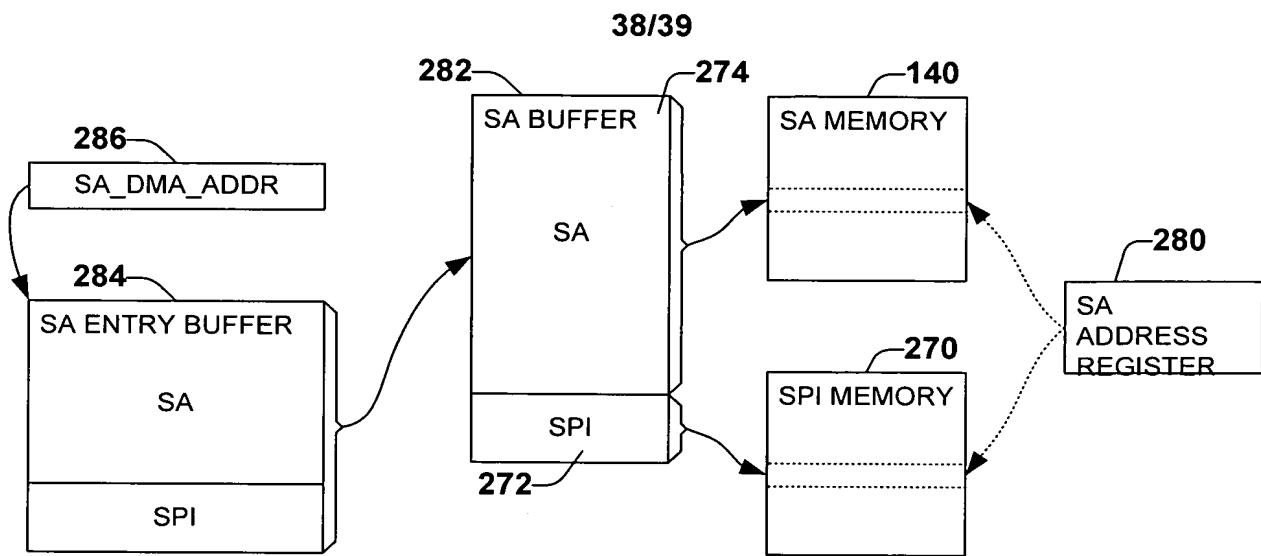


Fig. 34A

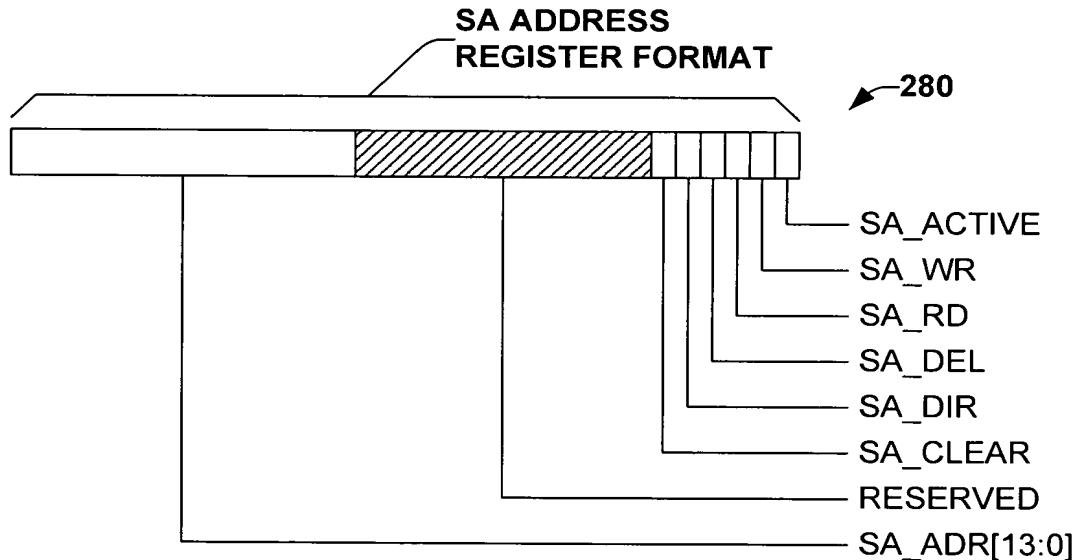


Fig. 34B

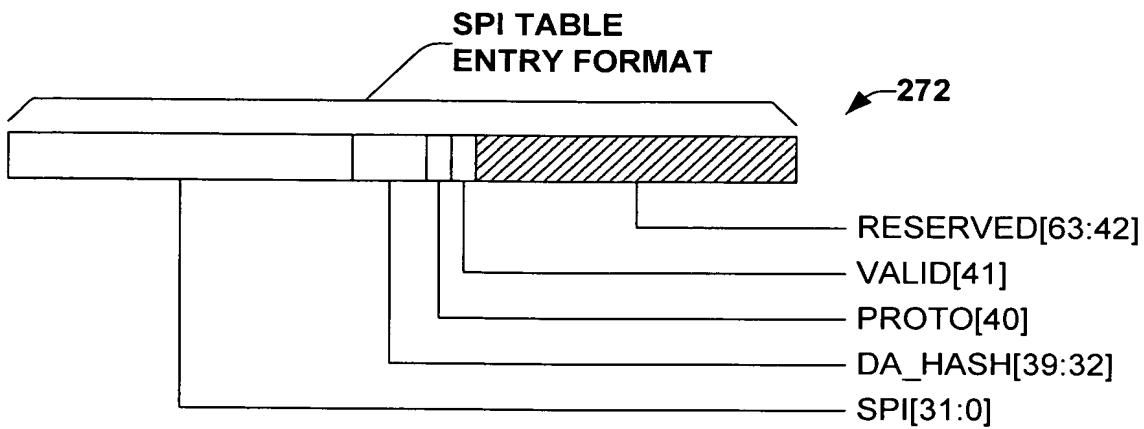


Fig. 34C

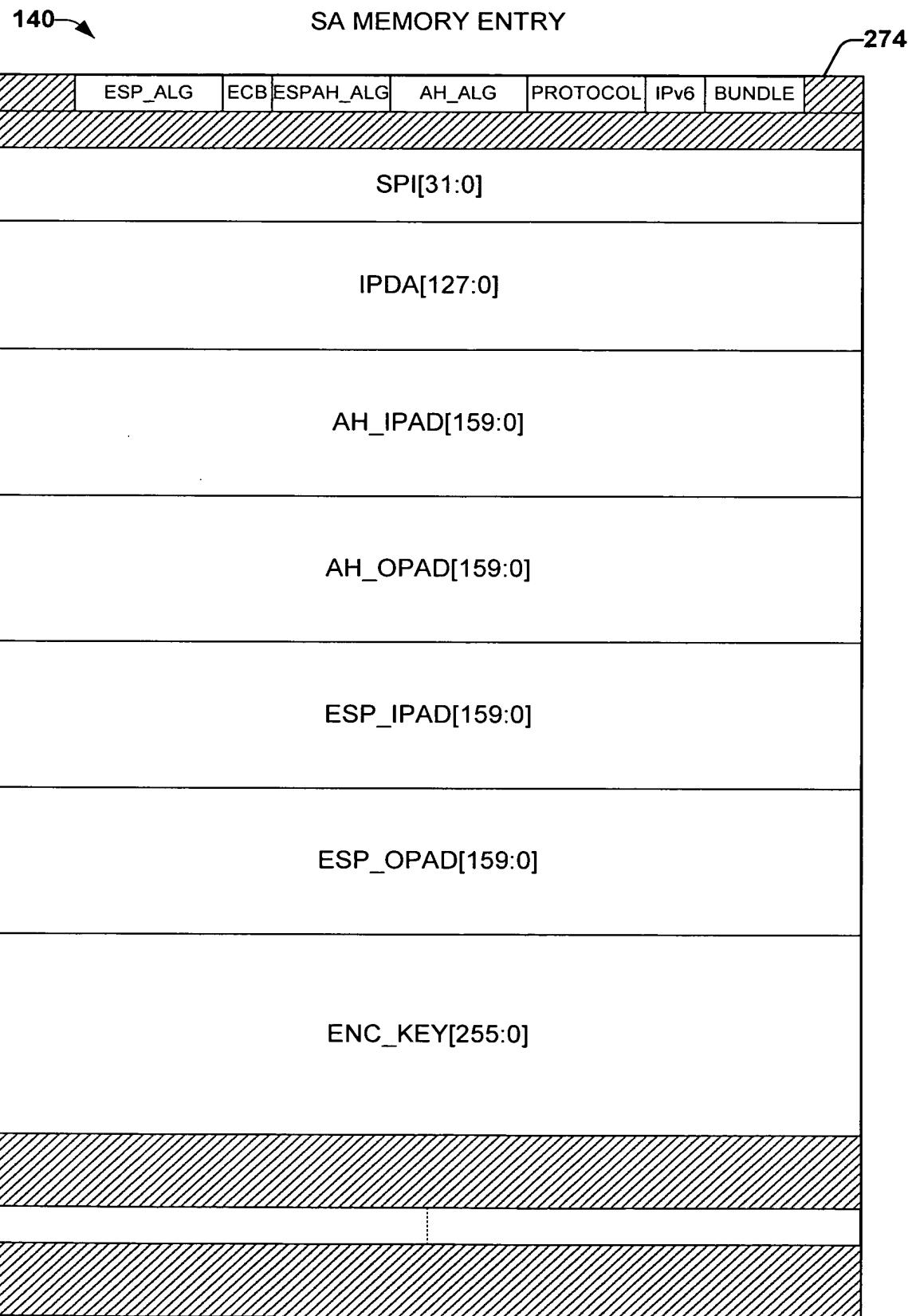


Fig. 34D